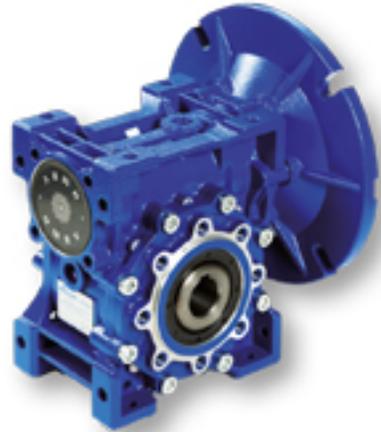




Worm gear reducers and Worm geared motors

NMRV
POWER



NMRV®



MOTOVARIO®

HEART OF MOTION

Contents

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Symbols

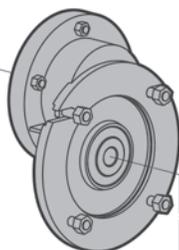
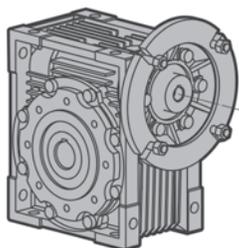
| | | |
|------|---|---------------------|
| P | = | Power (HP) |
| M | = | Torque (in-lb) |
| n | = | Speed (RPM) |
| i | = | Reduction ratio |
| F | = | Load (lb) |
| m | = | Weight (lb) |
| s.f. | = | Service factor |
| 1 | = | Input shaft |
| 2 | = | Output shaft |
| r | = | Overhung load (OHL) |
| a | = | Thrust load |
| s | = | Static |
| d | = | Dynamic |
| max | = | Maximum |
| min | = | Minimum |

Specification

On request, reducers can be manufactured in compliance with the directive: ATEX 94/9/CE
categories: 2GD T=135 °C (T4)
3GD T=135 °C (T4)
with n1 max = 1750 rpm

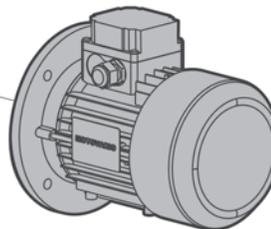
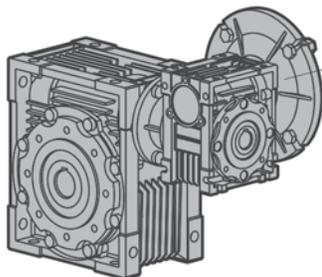
Modularity

NMRV 025-050
NMRV130-150

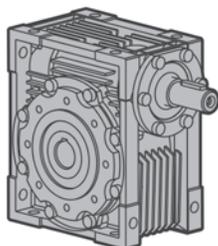


PC

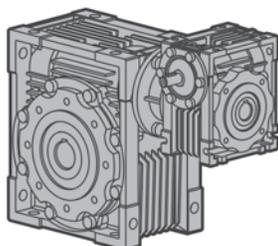
NMRV-NMRV...



NRV 030-050
NRV 130-150



NRV-NMRV...



NMRV 025-150 - Worm gear reducers and gearmotors

NRV 030-150 - Worm gear reducer

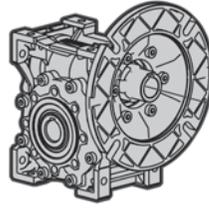
PC - Pre-stage reduction unit

NMRV-NMRV... - Combined worm gear reducers and gearmotors

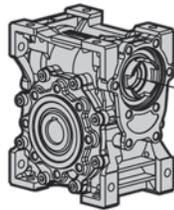
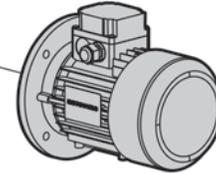
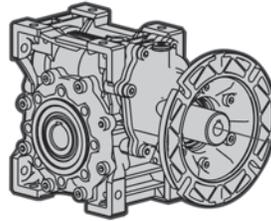
NRV-NMRV... - Combined worm gear reducer

Modularity

NMRVpower063-110

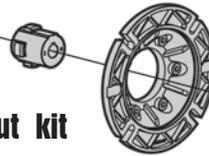


NMRVpower063-075/HW30
NMRVpower090-110/HW40



NMRVpower063-110 base
(distribution network)

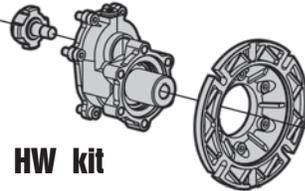
input kit



NMRVpower 063-110

- Worm gear reducers and gearmotors

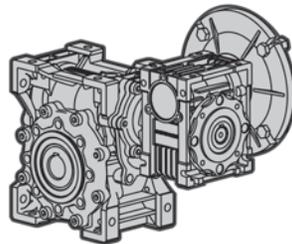
HW kit



NRVpower 063-110

- Worm gear reducer

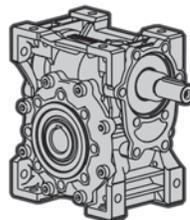
NMRV-NMRVpower...
NMRVpower-NMRV...
NMRVpower-NMRVpower...



NMRVpower/HW

- Worm gear reducers and gearmotors with pre-stage

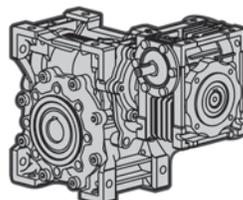
NRVpower063-110



NMRV-NMRVpower...

- Combined worm gear reducers and gearmotors

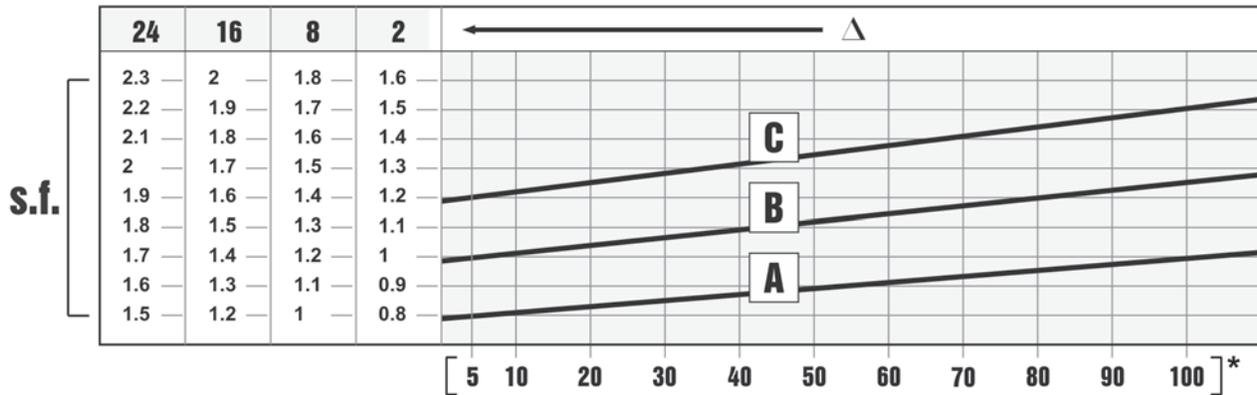
NRV-NMRVpower...



NRV-NMRVpower...

- Combined worm gear reducer

Service factor



The service factor (s.f.) depends on the operating conditions the gear reducer is subjected to. The parameters that need to be taken into consideration to select the most adequate service factor correctly comprise:

- Type of load of the operated machine : A - B - C
- Length of daily operating time: hours/day (Δ)
- Start-up frequency: starts/hour (*)

LOAD:

| | |
|---------------------|---------------|
| A - uniform | $fa \leq 0.3$ |
| B - moderate shocks | $fa \leq 3$ |
| C - heavy shocks | $fa \leq 10$ |

$fa = Je/Jm$

- Je (in-lb²) moment of reduced external inertia at the drive-shaft
 - Jm (in-lb²) moment of inertia of motor
- If $fa > 10$ call our Technical Service.

- A - Screw feeders for light materials, fans, assembly lines, conveyor belts for light materials, small mixers, lifts, cleaning machines, fillers, control machines.
- B - Winding devices, woodworking machine feeders, goods lifts, balancers, threading machines, medium mixers, conveyor belts for heavy materials, winches, sliding doors, fertilizer scrapers, packing machines, concrete mixers, crane mechanisms, milling cutters, folding machines, gear pumps.
- C - Mixers for heavy materials, shears, presses, centrifuges, rotating supports, winches and lifts for heavy materials, grinding lathes, stone mills, bucket elevators, drilling machines, hammer mills, cam presses, folding machines, turntables, tumbling barrels, vibrators, shredders.

Critical applications

| NMRV | 025 | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| V5: 1500 < n1 < 3000 | - | - | - | - | B | B | B | B | B | B |
| n1 > 3000 | B | B | B | B | B | B | A | A | A | A |
| V6 | B | B | B | B | B | B | B | B | B | B |

| NMRV-P | 063 | 075 | 090 | 110 |
|----------------------|-----|-----|-----|-----|
| V5: 1500 < n1 < 3000 | B | B | B | B |
| n1 > 3000 | B | B | A | A |
| V6 | B | B | B | B |

A | Application not recommended B | Check the application and/or call our technical service

The ratings given in the catalogue correspond to mounting position B3 or similar, ie. when the first stage is not entirely immersed in oil. For other mounting positions and/or particular input speeds, refer to the tables that highlight different critical situations for each size of gear reducer.

It is also necessary to take due consideration of and carefully assess the following applications by calling our Technical Service:

- To avoid the use as multiplier.
- Use in services that could be hazardous for people if the gear reducer fails.
- Applications with especially high inertia.
- Use as a lifting winch.
- Applications with high dynamic strain on the case of the gear reducer.
- In places with T° under 23°F or over 104°F.
- Use in chemically aggressive environments.

- Use in a salty environment.
- Mounting positions not envisaged in the catalogue.
- Use in radioactive environments.
- Use in environmental pressures other than atmospheric pressure.

Avoid applications where even partial immersion of the reducer is required. The maximum torque (*) that the reducer can support must not exceed two times the nominal torque (s.f.=1) stated in the ratings tables.

With S3 service it is possible to increase transmitted torque according to ratio, input speed and application duration, in this case please contact our Technical service.

(*) intended for momentary overloads due to starting at full load, braking, shocks or other causes, particularly those that are dynamic.

Installation

To install the gear reducer it is necessary to note the following recommendations:

- Check the correct direction of rotation of the gear reducer output shaft before fitting the unit to the machine.
- In the case of particularly lengthy periods of storage (4/6 months), if the oil seal is not immersed in the lubricant inside the unit, it is recommended to change it since the rubber could stick to the shaft or may even have lost the elasticity it needs to function properly.
- Whenever possible, protect the gear reducer against solar radiation and bad weather.
- Ensure the motor cools correctly by ensuring good passage of air from the fan side.
- In the case of ambient temperatures < 23°F or > 104°F call the Technical Service.
- The various parts (pulleys, gear wheels, couplings, shafts, etc.) must be mounted on the

- solid or hollow shafts using special threaded holes or other systems that anyhow ensure correct operation without risking damage to the bearings or external parts of the units.
- Lubricate the surfaces in contact to avoid seizure or oxidation.
- Painting must definitely not go over rubber parts and the holes on the breather plugs, if any.
- For units equipped with oil plugs, replace the closed plug used for shipping with the special breather plug.
- Check the correct level of the lubricant through the indicator, if there is one.
- Starting must take place gradually, without immediately applying the maximum load.
- When there are parts, objects or materials under the motor drive that can be damaged by even limited spillage of oil, special protection should be fitted.

Overhung load

The value of the admissible Overhung load (OHL) (lb) is given in the tables relating to the ratings of the gear reducer at issue. It is related to the load applied on the centre line of the shaft and in the most unfavourable conditions of angle of application and direction of rotation.

The maximum admissible thrust loads are 1/5 of the value of the given Overhung load (OHL) when they are applied in combination with the Overhung load (OHL). The tables relating to the output shafts give the maximum admissible value. This value must never be exceeded since it relates to the strength of the case. Particular conditions of Overhung load (OHL) higher than the limits of the catalogue may occur. In this case, call our Technical Service and provide details on the application: direction of the load, direction of rotation of the shaft, type of service. In case of double extension shafts with Overhung load (OHL) applied on both ends, the max. admissible Overhung load (OHL)s must be defined according to the specific running conditions, in this case call our Technical Service.

The Overhung load (OHL) on the shaft is calculated with the following formula:

$$F_{re} = \frac{2000 \cdot M \cdot fz}{D} \leq Fr_1 \text{ o } Fr_2$$

| | |
|------------------|--|
| Fre (lb) | Resulting Overhung load (OHL) |
| M (in-lb) | Torque on the shaft |
| D (in) | Diameter of the transmission member mounted on the shaft |
| Fr (lb) | Value of the maximum admitted Overhung load (OHL) |
| Fr1-Fr2 | (see relative tables) |
| fz = | 1.1 gear pinion |
| | 1.4 chain wheel |
| | 1.7 v-pulley |
| | 2.5 flat pulley |

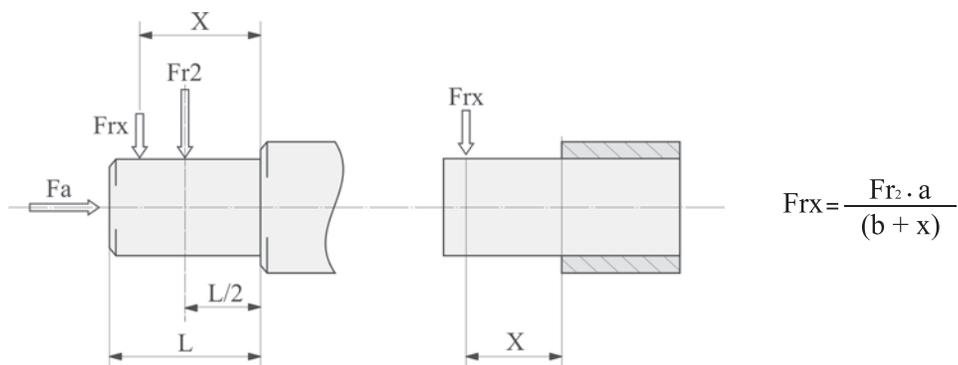
When the resulting Overhung load (OHL) is not applied on the centre line of the shaft, it is necessary to adjust the admissible Overhung load (OHL) Fr1-2 with the following formula:

$$F_{rx} = \frac{Fr_1 \cdot 2 \cdot a}{(b + x)}$$

- a**, **b** = values given in the tables on page 6
- x** = distance from the point of application of the load to the shaft shoulder

Output Overhung load (OHL)s

When the Overhung load (OHL) is not on the centre line of the shaft, it is necessary to adjust the admissible Overhung load (OHL) Fr₂ with the following formula:

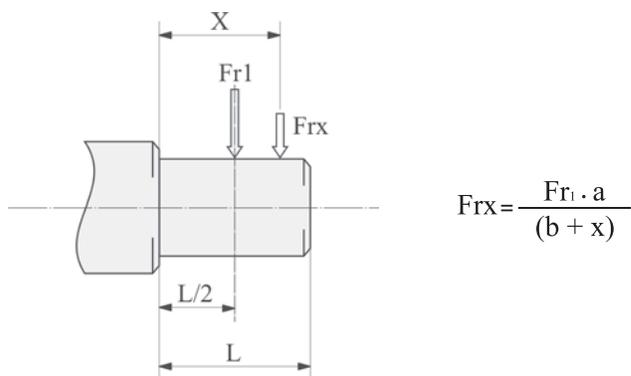


(**Fr₂) Max. admissible value of the reducer; verify max. admissible value on ratings tables.

| NMRV-P/NMRV | 025 | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| a | 1.97 | 2.56 | 3.31 | 3.98 | 4.72 | 5.16 | 6.38 | 6.93 | 7.40 | 8.46 |
| b | 1.50 | 1.97 | 2.52 | 2.99 | 3.74 | 3.98 | 4.80 | 5.35 | 5.83 | 6.85 |
| Fr₂ max(**) | 303 | 411 | 785 | 1088 | 1410 | 1659 | 1839 | 2698 | 3035 | 4047 |

Input Overhung load (OHL)s

When the Overhung load (OHL) is not on the centre line of the shaft, it is necessary to adjust the admissible Overhung load (OHL) Fr₁ with the following formula:



(**Fr₁) Max. admissible value of the reducer; verify max. admissible value on ratings tables.

| NRV-P/NRV | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|-------------------------------|------|------|------|------|------|------|-------|-------|-------|
| a | 3.39 | 4.17 | 5.08 | 6.26 | 7.56 | 8.94 | 10.47 | 12.36 | 13.78 |
| b | 2.99 | 3.72 | 4.49 | 5.47 | 6.57 | 7.95 | 9.29 | 10.79 | 12.20 |
| Fr₁ max(**) | 47 | 79 | 110 | 157 | 220 | 286 | 382 | 472 | 629 |

| IHW040 | 090 | 110 |
|-------------------------------|------|-----|
| a | 2.80 | |
| b | 2.01 | |
| Fr₁ max(**) | 90 | 112 |

Moments of inertia

Following values are indicative only and refer to gear reducers fitted with input flange. These values refer to maximum moment of inertia.

| NMRV | Kg*m ² | lb-in ² |
|------------|-------------------|--------------------|
| 30 | 0.10 | 347 |
| 40 | 0.3 | 1015 |
| 50 | 0.8 | 2879 |
| 63 | 2.2 | 7603 |
| 75 | 4.4 | 15086 |
| 90 | 8.2 | 27864 |
| 110 | 19.9 | 68042 |
| 130 | 22.5 | 76877 |
| 150 | 52.9 | 180689 |

Lubrication

In cases of ambient temperatures not envisaged in the table, call our Technical Service. In the case of temperatures under -22°F or over 140°F it is necessary to use oil seals with special properties. For operating ranges with temperatures under 32°F it is necessary to consider the following:

- 1 The motors need to be suitable for operation at the envisaged ambient temperature.
- 2 The power of the electric motor needs to be adequate for exceeding the higher starting torques required.

- 3 In case of cast-iron gear reducers, pay attention to impact loads since cast iron may have problems of fragility at temperatures under 5°F.
- 4 During the early stages of service, problems of lubrication may arise due to the high level of viscosity taken on by the oil and so it is wise to have a few minutes of rotation under no load.

The oil needs to be changed after approximately 10,000 hours. This period depends on the type of service and the environment where the gear reducer works. For units supplied without oil plugs, lubrication is permanent and so they need no servicing.

| NMRV | 025 | 030 | 040 | 050 | 130 | 150 |
|--------------|------|------|------|------|-----|-----|
| B3 | 0.02 | 0.04 | 0.08 | 0.15 | 4.5 | 7 |
| B8 | | | | | 3.3 | 5.1 |
| B6-B7 | | | | | 3.5 | 5.4 |
| V5 | | | | | 4.5 | 7 |
| V6 | | | | | 3.3 | 5.1 |

| PC | 063 | 071 | 080 | 090 |
|--------------------------------------|------|------|------|------|
| B3 - B8 - B6 B7 - V5 - V6 | 0.05 | 0.07 | 0.15 | 0.16 |

| NMRV-P | 063 | 075 | 090 | 110 |
|--------------|------|------|-----|-----|
| B3 | 0.33 | 0.55 | 1 | 1.6 |
| B8 | | | | |
| B6-B7 | | | | |
| V5 | | | | |
| V6 | | | | |

| NMRV-P/HW | 030 | | 040 | |
|-----------|------|------|------|------|
| | 063 | 075 | 090 | 110 |
| B3 | 0.06 | 0.09 | 0.11 | 0.12 |

- Quantity of oil in litres ~

Lubricant quantities are only indicative. For correct filling always refer to the sight glass or the dipstick, when this is supplied. Any oil level differences can be caused by constructive tolerances but also on the mounting position or the assembly scheme of the customer. Therefore it is very important for the customer to check oil level and if necessary to add the necessary quantity.

The gear reducers size 025 - 030 - 040 - 050 - 063 - 075 - 090 - 110 are supplied complete with lubricant for life, synthetic oil, AGIP TELIUM VSF. They can be mounted in any position envisaged in the catalogue, except for NMRV 090 - 110 and NRV 075-090-110 for which you must specify the mounting position.

The gear reducers size 130 and 150 are supplied complete with lubricant, mineral oil, AGIP BLASIA 460.

For sizes 130 and 150 it is necessary to specify the position, otherwise the gear reducers are supplied with the quantity of oil relating to pos. B3.

Only reduction units 130 and 150 are fitted with breather, level and oil drainage plugs. It is necessary, after installation, to replace the closed plug used for transportation with the breather plug supplied with the unit.

The pre-stage helical modules are supplied complete with life-long lubricant, synthetic oil, AGIP TELIUM VSF. Lubrication is separated from that of the worm gear reducers.

Lubrication

| | ISO VG... | ENI | SHELL | ESSO | MOBIL | CASTROL | BP | |
|--|------------------|------------------|--------------------|------------------|------------------|-------------------|---------------------|---------------|
| PC063 ~ 090 NMRV-P 063 ~ 110 NMRV-P/HW30-40 | ISO VG320 | TELIUM VSF320 | TIVELA OIL S320 | S220 | GLYGOYLE 30 | ALPHASYN PG320 | ENERGOL SG-XP320 | Synthetic oil |
| NMRV 030 ~ 050 | ISO VG320 | TELIUM VSF320 | TIVELA OIL S320 | S220 | GLYGOYLE 30 | ALPHASYN PG320 | ENERGOL SG-XP320 | |
| NMRV 130 ~ 150 | ISO VG460 | BLASIA 460 | OMALA OIL460 | SPARTAN EP460 | MOBILGEAR 634 | ALPHA MAX 460 | ENERGOL GR-XP460 | Mineral oil |
| | ISO VG220 | BLASIA 220 | OMALA OIL220 | SPARTAN EP220 | MOBILGEAR 630 | ALPHA MAX 220 | ENERGOL GR-XP220 | |

- standard supply
 - Specifications of lubricants recommended by Motovario.

| Special lubricants | Brand | ISO VG... | Synthetic oil | Mineral oil |
|--|---------------|-------------------|----------------|-------------------|
| Low ambient temperature oil | ENI | ISO VG46 | - | ROTRAATF |
| | KLUBER | ISO VG68 | SYNTH GH 6-80 | - |
| | MOBIL | ISO VG32 | SCH 624 | - |
| Low ambient temperature oil - Food sector | KLUBER | ISO VG32 | - | SUMMIT HYSYN FG32 |
| High ambient temperature oil | KLUBER | ISO VG460 | SYNTH GH 6-460 | - |
| | KLUBER | ISO VG680 | SYNTH GH 6-680 | - |
| | ENI | ISO VG150 | BLASIA 150 S | - |
| | ENI | ISO VG220 | BLASIA 220 S | - |
| | KLUBER | ISO VG1000 | SYNTH EG4-1000 | - |
| | SHELL | ISO VG680 | - | OMALA OIL 680 |
| High ambient temperature oil - Food sector | KLUBER | ISO VG1500 | 4UH1-1500 | - |
| Food sector | KLUBER | ISO VG320 | 4UH1-320N | - |

- All units are supplied with standard ENI oil, however we can supply with other lubricants if required. If 'special' lubricant is required please contact us for technical assistance.

Design features

Motovario products are supplied with the following surface treatment features:

Die-cast aluminium alloy cases for gears

Die-cast materials undergo the following surface cleaning operations:

- De-burring by means of a mechanically operated shearing system
- Accurate shot-peening. - Painting
- Washing and passivation

Grey-coloured cast-iron cases for gears

- Die-cast materials are always painted

Painting specifications:

Orange-peel blue epoxy-polyester RAL 5010. Polyester resin based heat-hardening powders, altered with epoxy resins.

Mechanical properties

- Tests carried out onto degreased Unichim white lattens (film thickness: 60 microns) comply with the following specifications: adherence (ISO2409), Erichsen drawing (ISO152), inverted shock (DIN53158), cone-shaped mandrel (DIN53151), hardness (ASTM D3363/74).

Heat resistance

- 24 HOURS AT 302°F.

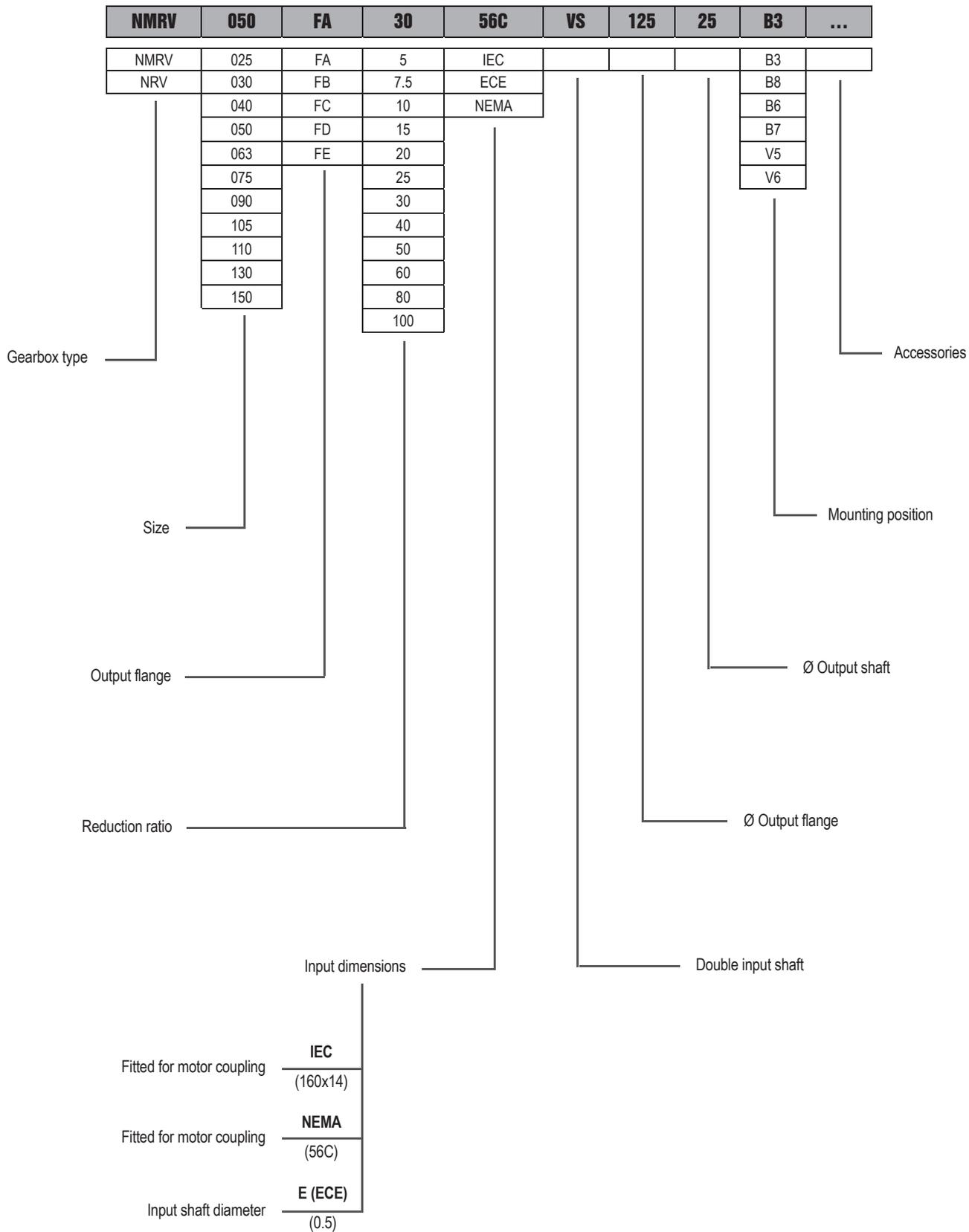
Corrosion strength

- ASTM B 117/97 salt fog from 100 to 500 hours depending on the support's preliminary treatment.

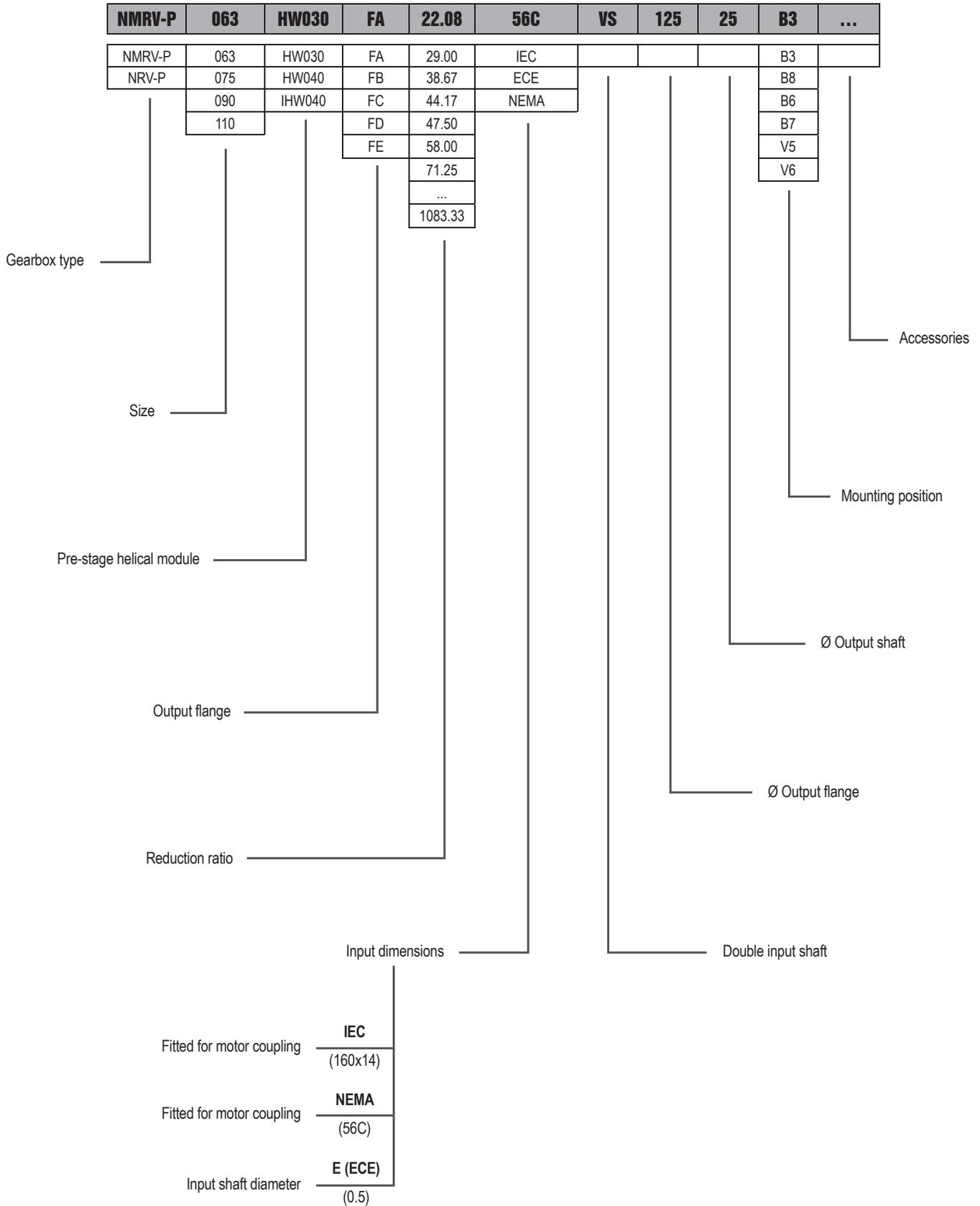
Ratings:

Loading capacity in accordance with: ISO 14521, DIN 3996, BS 721, AGMA 6034, ISO 6336, DIN 3990, DIN 743, ISO 281

Nomenclature



Nomenclature



Nomenclature

| PC | 71 | NMRV | 050 | 120.00 | 120x14 | 25 | BS | B3 |
|----|-----|------|-----|--------|--------|----|----|----|
| | 063 | | 040 | 15.00 | | | AS | |
| | 071 | | 050 | 22.50 | | | BS | |
| | 080 | | 130 | 30.00 | | | VS | |
| | 090 | | | ... | | | PS | |
| | | | | 240.00 | | | | |

Pre-stage helical module

Size

Gearbox type

Worm gear reducers and gearmotors

Size

Reduction ratio

NMRV input dimensions

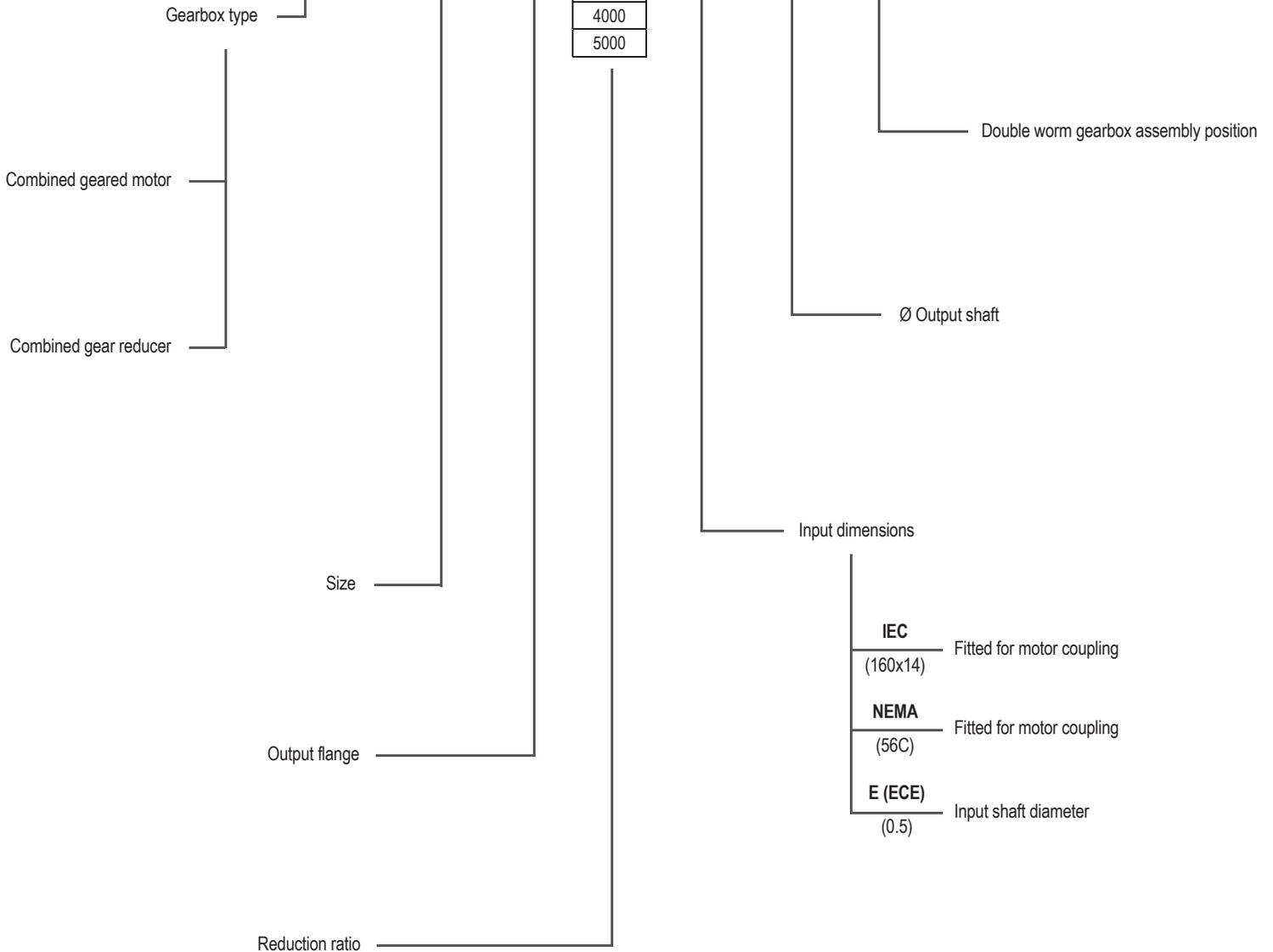
Mounting position

Double worm gearbox assembly position

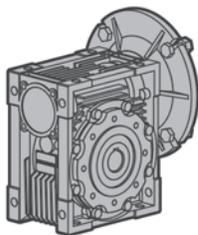
Ø Output shaft

Nomenclature

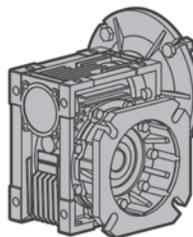
| NMRV+NMRV-P | 050+110 | FA | 900 | 56C | 40 | BS1 | B3 |
|---------------|---------|----|------|------|----|-----|----|
| NMRV+NMRV | 025+030 | FA | 100 | IEC | | AS1 | |
| NRV+NMRV | 025+040 | FB | 150 | ECE | | AS2 | |
| NMRV+NMRV-P | 030+040 | FC | 200 | NEMA | | BS1 | |
| NMRV-P+NMRV | 030+050 | FD | 250 | | | BS2 | |
| NMRV-P+NMRV-P | 030+063 | FE | 300 | | | VS1 | |
| NRV+NMRV-P | 040+050 | | 400 | | | VS2 | |
| NRV-P+NMRV | 040+063 | | 500 | | | PS1 | |
| | 040+075 | | 600 | | | PS2 | |
| | 040+090 | | 750 | | | | |
| | 050+090 | | 900 | | | | |
| | 050+110 | | 1200 | | | | |
| | 063+110 | | 1500 | | | | |
| | 063+130 | | 1800 | | | | |
| | 063+150 | | 2400 | | | | |
| | | | 3000 | | | | |
| | | | 4000 | | | | |
| | | | 5000 | | | | |



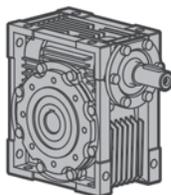
Versions



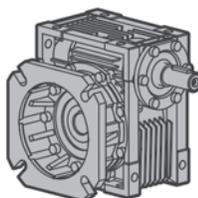
NMRV 025-050
NMRV 130-150



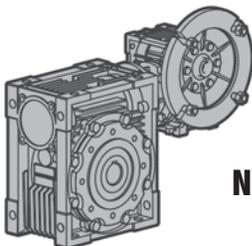
NMRV 025-050 F
NMRV 130-150 F



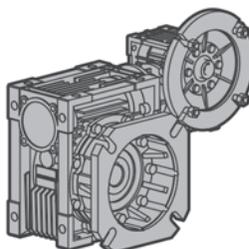
NRV 030-050
NRV 130-150



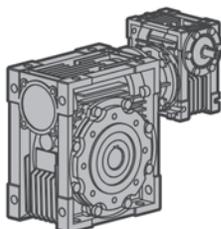
NRV 030-050 F
NRV 130-150 F



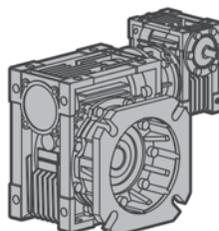
NMRV-NMRV...



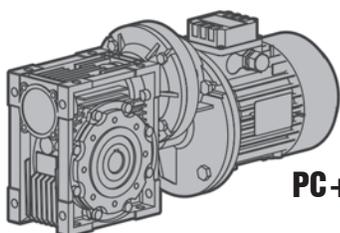
NMRV-NMRV... F



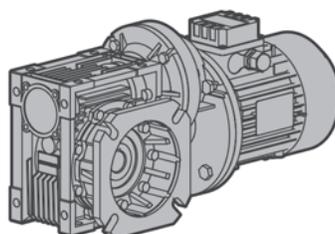
NRV-NMRV...



NRV-NMRV... F

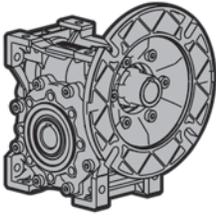


PC+NMRV...

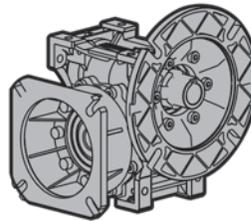


PC+NMRV... F

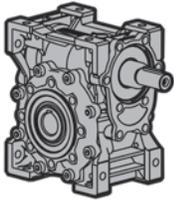
Versions



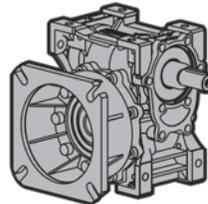
NMRVpower 063-110



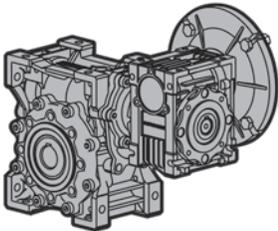
NMRVpower 063-110 F



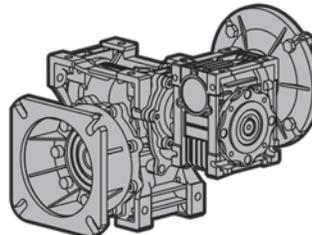
NRVpower 063-110



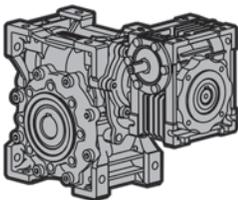
NRVpower 063-110 F



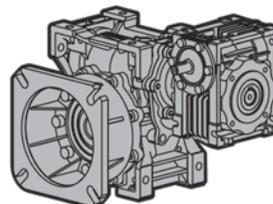
NMRV-NMRVpower...



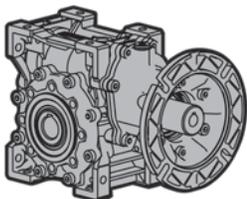
NMRV-NMRVpower... F



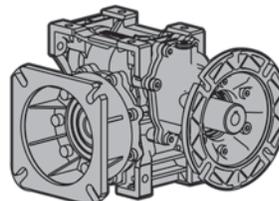
NRV-NMRVpower...



NRV-NMRVpower... F

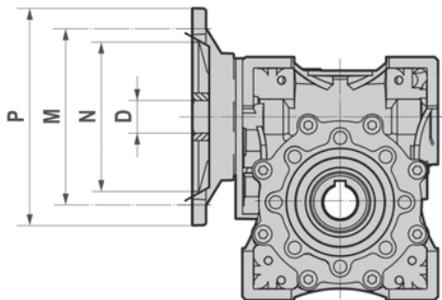


NMRVpower/HW...



NMRVpower/HW... F

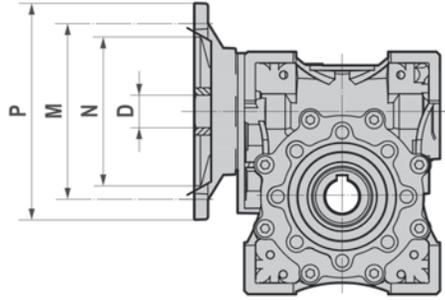
Standard input flange - IEC



- (*) Low profile key supplied by Motovario.
- (**) Motor-ratio combination not feasible.
- (+) Motor-ratio combination not to be used, out of warranty terms.

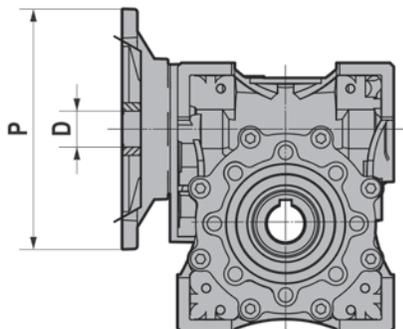
| NMRV | IEC | N | M | P | D | Available Ratios | | | | | | | | | | | |
|------|------------|-----|-----|-----|-----|------------------|-----|----|----|----|----|----|----|----|----|----|-----|
| | | | | | | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |
| 030 | 63B5 | 95 | 115 | 140 | 11 | • | • | • | • | • | • | • | • | • | - | - | - |
| | 63B14 | 60 | 75 | 90 | 11 | | | | | | | | | | | | |
| | 56B5 | 80 | 100 | 120 | 9 | • | • | • | • | • | • | • | • | • | • | • | - |
| | 56B14 | 50 | 65 | 80 | 9 | | | | | | | | | | | | |
| 040 | 71B5 | 110 | 130 | 160 | 14 | • | • | • | • | • | • | • | • | - | - | - | - |
| | 71B14 | 70 | 85 | 105 | 14 | | | | | | | | | | | | |
| | 63B5 | 95 | 115 | 140 | 11 | • | • | • | • | • | • | • | • | • | • | • | • |
| | 63B14 | 60 | 75 | 90 | 11 | | | | | | | | | | | | |
| 050 | 56B5 | 80 | 100 | 120 | 9 | - | - | - | - | - | - | - | - | • | • | • | • |
| | 80B5 | 130 | 165 | 200 | 19 | • | • | • | • | • | • | • | - | - | - | - | - |
| | 80B14 | 80 | 100 | 120 | 19 | | | | | | | | | | | | |
| | 71B5 | 110 | 130 | 160 | 14 | • | • | • | • | • | • | • | • | • | • | • | - |
| 063 | 71B14 | 70 | 85 | 105 | 14 | | | | | | | | | | | | |
| | 63B5 | 95 | 115 | 140 | 11 | - | - | - | - | - | - | - | • | • | • | • | • |
| | 90B5 | 130 | 165 | 200 | 24 | - | • | • | • | • | • | • | • | - | - | - | - |
| | 90B14 | 95 | 115 | 140 | 24 | | | | | | | | | | | | |
| | 80B5 | 130 | 165 | 200 | 19 | - | • | • | • | • | • | • | • | • | • | • | - |
| | 80B14 | 80 | 100 | 120 | 19 | | | | | | | | | | | | |
| 075 | 71B5 | 110 | 130 | 160 | 14 | - | • | • | • | • | • | • | • | • | • | • | • |
| | 71B14 | 70 | 85 | 105 | 14 | | | | | | | | | | | | |
| | 100/112B5 | 180 | 215 | 250 | 28 | - | • | • | • | • | • | • | - | - | - | - | - |
| | 100/112B14 | 110 | 130 | 160 | 28 | | | | | | | | | | | | |
| | 90B5 | 130 | 165 | 200 | 24 | - | • | • | • | • | • | • | • | • | • | - | - |
| | 90B14 | 95 | 115 | 140 | 24 | | | | | | | | | | | | |
| | 80B5 | 130 | 165 | 200 | 19 | - | • | • | • | • | • | • | • | • | • | • | • |
| 090 | 80B14 | 80 | 100 | 120 | 19 | | | | | | | | | | | | |
| | 71B5 | 110 | 130 | 160 | 14 | - | - | - | - | - | - | - | - | • | • | • | • |
| | 100/112B5 | 180 | 215 | 250 | 28 | - | • | • | • | • | • | • | - | - | - | - | - |
| | 100/112B14 | 110 | 130 | 160 | 28 | | | | | | | | | | | | |
| | 90B5 | 130 | 165 | 200 | 24 | - | • | • | • | • | • | • | • | • | • | - | - |
| | 90B14 | 95 | 115 | 140 | 24 | | | | | | | | | | | | |
| 110 | 80B5 | 130 | 165 | 200 | 19 | - | • | • | • | • | • | • | • | • | • | • | • |
| | 80B14 | 80 | 100 | 120 | 19 | | | | | | | | | | | | |
| | 132B5 | 230 | 265 | 300 | 38 | - | • | • | • | • | • | • | • | - | - | - | - |
| | 100/112B5 | 180 | 215 | 250 | 28 | - | • | • | • | • | • | • | • | • | • | - | - |
| | 90B5 | 130 | 165 | 200 | 24 | - | • | • | • | • | • | • | • | • | • | • | • |
| | 90B14 | 95 | 115 | 140 | 24 | | | | | | | | | | | | |
| 130 | 80B5 | 130 | 165 | 200 | 19 | - | • | • | • | • | • | • | • | • | • | • | • |
| | 80B14 | 80 | 100 | 120 | 19 | | | | | | | | | | | | |
| | 132B5 | 230 | 265 | 300 | 38* | - | • | • | • | • | • | • | • | - | - | - | - |
| 150 | 100/112B5 | 180 | 215 | 250 | 28 | - | - | - | - | - | • | • | • | • | • | • | • |
| | 90B5 | 130 | 165 | 200 | 24 | - | - | - | - | - | - | - | - | - | - | • | • |
| | 160B5 | 250 | 300 | 350 | 42 | - | • | • | • | • | • | - | - | - | - | - | - |
| | 132B5 | 230 | 265 | 300 | 38 | - | - | - | - | • | • | • | • | • | • | • | - |
| 150 | 100/112B5 | 180 | 215 | 250 | 28 | - | - | - | - | - | - | - | - | • | • | • | • |

Standard input flange - NEMA



| NMRV | NEMA | N | M | P | D | Available Ratios | | | | | | | | | | | |
|------------|-------|------|------|-------|-------|------------------|-----|----|----|----|----|----|----|----|----|----|-----|
| | | | | | | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |
| 030 | 48C | 3.00 | 3.75 | 5.625 | 0.500 | • | • | • | • | • | • | • | • | • | • | • | - |
| 040 | 56C | 4.50 | 5.88 | 6.500 | 0.625 | • | • | • | • | • | • | • | • | • | • | • | • |
| 050 | 56C | 4.50 | 5.88 | 6.500 | 0.875 | • | • | • | • | • | • | • | • | • | • | • | • |
| 063 | 56C | 4.50 | 5.88 | 6.500 | 0.625 | - | • | • | • | • | • | • | • | • | • | • | • |
| | 140TC | 4.50 | 5.88 | 6.500 | 0.875 | - | • | • | • | • | • | • | • | • | - | - | - |
| 075 | 56C | 4.50 | 5.88 | 6.500 | 0.625 | - | • | • | • | • | • | • | • | • | • | • | • |
| | 140TC | 4.50 | 5.88 | 6.500 | 0.875 | - | • | • | • | • | • | • | • | • | • | - | - |
| | 180TC | 8.50 | 7.25 | 9.000 | 1.125 | - | • | • | • | • | - | - | - | - | - | - | - |
| 090 | 56C | 4.50 | 5.88 | 6.500 | 0.625 | - | • | • | • | • | • | • | • | • | • | • | • |
| | 140TC | 4.50 | 5.88 | 6.500 | 0.875 | - | • | • | • | • | • | • | • | • | • | • | • |
| | 180TC | 8.50 | 7.25 | 9.000 | 1.125 | - | • | • | • | • | • | • | • | - | - | - | - |
| 110 | 140TC | 4.50 | 5.88 | 6.500 | 0.875 | - | • | • | • | • | • | • | • | • | • | • | • |
| | 180TC | 8.50 | 7.25 | 9.000 | 1.125 | - | • | • | • | • | • | • | • | • | • | - | - |
| 130 | 140TC | 4.50 | 5.88 | 6.500 | 0.875 | - | - | - | - | - | - | - | - | - | - | • | • |
| | 180TC | 8.50 | 7.25 | 9.000 | 1.125 | - | - | - | - | - | - | • | • | • | • | • | - |
| | 210TC | 8.50 | 7.25 | 9.000 | 1.375 | - | • | • | • | • | • | • | • | - | - | - | - |
| 150 | 180TC | 8.50 | 7.25 | 9.000 | 1.125 | - | - | - | - | - | - | • | • | • | • | • | • |
| | 210TC | 8.50 | 7.25 | 9.000 | 1.375 | - | - | - | • | • | • | • | • | - | - | - | - |
| | 250TC | 8.50 | 7.25 | 9.000 | 1.625 | - | • | • | • | • | - | - | - | - | - | • | - |

Non-standard input flange - IEC



The table below report possible configurations strictly based on geometric criteria. To determine the compatibility of a motor-gear unit assembly in terms of mechanical factors, double check the selected configuration against the rating charts for NRV/NRV-P ratings.

(*) Low profile key supplied by Motovario.

(**) For NMRV-P 110 flange Ø300 only possible solution bush Ø38.

(+) Motor-ratio combination not to be used, out of warranty terms.

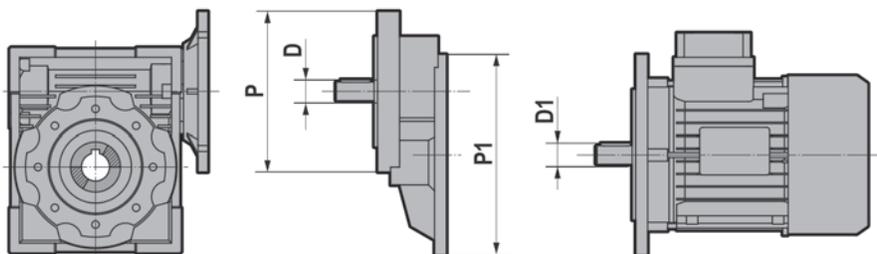
| NMRV NMRV-P | P | D | | | | | | | | | | | |
|----------------|-----|----|------|------|------|------|------|------|------|------|----|----|-----|
| | | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |
| 025 | 80 | 9 | 9 | 9 | 9 | 9 | | 9 | 9 | 9 | 9 | | |
| | 140 | | | | | | | | | | | | |
| 030 | 120 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 9 | 9 | |
| | 90 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | | |
| | 80 | | | | | | | | | | | | |
| | 160 | | | | | | | | | | | | |
| 040 | 140 | | | | | | | | | | | | |
| | 120 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 11 | 11 | 11 | 11 |
| | 105 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 9 | 9 | 9 | 9 |
| | 90 | | | | | | | | | | | | |
| 050 | 200 | | | | | | | | | | | | |
| | 160 | | | | | | | | | | | | |
| | 140 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 14 | 14 | 14 | 14 | 11 |
| | 120 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 11 | 11 | 11 | 11 | |
| | 105 | | | | | | | | | | | | |
| 063 | 200 | | | | | | | | | | | | |
| | 160 | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 19 | 19 | 19 | 14 |
| | 140 | | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 14 | 14 | 14 | |
| | 120 | | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | |
| | 105 | | | | | | | | | | | | |
| 075 | 250 | | | | | | | | | | | | |
| | 200 | | 28 | 28 | 28 | 28 | 28 | 28 | 24 | 24 | 24 | 19 | 19 |
| | 160 | | 24 | 24 | 24 | 24 | 24 | 24 | 19 | 19 | 19 | 14 | 14 |
| | 140 | | 19 | 19 | 19 | 19 | 19 | 19 | 14 | 14 | 14 | 14 | 14 |
| | 120 | | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 090 | 250 | | | | | | | | | | | | |
| | 200 | | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 24 | 24 | 19 |
| | 160 | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 19 | |
| | 140 | | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | |
| 110 | 300 | | 38** | 38** | 38** | 38** | 38** | 38** | 38** | 38** | + | + | + |
| | 250 | | | | | | | | | | | | |
| | 200 | | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 24 | 24 |
| | 160 | | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 19 |
| | 140 | | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| 130 | 300 | | | | | | | | | | | | |
| | 250 | | 38* | 38* | 38* | 38* | 38* | 38* | 38* | 28 | 28 | 28 | 28 |
| | 200 | | | | | | | | | | | | |
| 150 | 350 | | | | | | | | | | | | |
| | 300 | | 42 | 42 | 42 | 42 | 42 | 38 | 38 | 38 | 38 | 28 | 28 |
| | 250 | | | | | | | | | | | | |

- the above values are expressed in millimeters

PC+NMRV - Standard input flange - IEC

| NMRV | i | PC 063 | | PC 071 | | PC 080 | | PC 090 | |
|------|-----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|----------------------|
| | | 105 / 11 i = 3 | 105 / 14 i = 3 | 120 / 14 i = 3 | 120 / 19 i = 3 | 160 / 24 i = 3 | 160 / 28 i = 3 | 160 / 24 i = 2.42 | 160 / 28 i = 2.42 |
| 040 | 25 | | | | | | | | |
| | 30 | | | | | | | | |
| | 40 | | | | | | | | |
| | 50 | | | | | | | | |
| | 60 | | | | | | | | |
| | 80 | | | | | | | | |
| 050 | 100 | | | | | | | | |
| | 25 | | | | | | | | |
| | 30 | | | | | | | | |
| | 40 | | | | | | | | |
| | 50 | | | | | | | | |
| | 60 | | | | | | | | |
| 130 | 80 | | | | | | | | |
| | 100 | | | | | | | | |
| | 25 | | | | | | | | |
| | 30 | | | | | | | | |
| | 40 | | | | | | | | |
| | 50 | | | | | | | | |

- the above values are expressed in millimeters



| | P1/D1 | P/D | (P/D) | ~Lb |
|---------------|---------------|--------|-------------------|-----|
| PC 063 | 63B5 - 140/11 | 105/11 | (105/14) | 4 |
| PC 071 | 71B5 - 160/14 | 120/14 | (120/19) | 5 |
| PC 080 | 80B5 - 200/19 | 160/19 | (160/24) (160/28) | 9 |
| PC 090 | 90B5 - 200/24 | 160/24 | (160/19) (160/28) | 9 |

- (P/D) Only on request

- the above values are expressed in millimeters

NMRVpower/HW - Standard input flange

| NMRVpower 063 / HW030 | | | | |
|------------------------------|-----------|-----------|-----------|-----------|
| i | 56 | 63 | 71 | 80 |
| 22.08 | | | B5-B14 | B5-B14 |
| 29.00 | | | B5-B14 | B5-B14 |
| 38.67 | | | B5-B14 | B5-B14 |
| 44.17 | | | B5-B14 | B5-B14 |
| 47.50 | | B5 | B5-B14 | B5-B14 |
| 58.00 | | B5 | B5-B14 | B5-B14 |
| 71.25 | | B5 | B5-B14 | B5-B14 |
| 77.33 | | B5 | B5-B14 | B5-B14 |
| 81.82 | | B5 | B5-B14 | B5-B14 |
| 88.33 | | B5 | B5-B14 | B5-B14 |
| 95.00 | | B5 | B5-B14 | B5-B14 |
| 109.09 | | B5 | B5-B14 | B5-B14 |
| 118.13 | | B5 | B5-B14 | B5-B14 |
| 136.36 | | B5 | B5-B14 | B5-B14 |
| 142.50 | | B5 | B5-B14 | B5-B14 |
| 157.50 | | B5 | B5-B14 | B5-B14 |
| 163.64 | | B5 | B5-B14 | B5-B14 |
| 176.67 | B5 | B5 | B5-B14 | |
| 196.88 | B5 | B5 | B5-B14 | |
| 218.18 | B5 | B5 | B5-B14 | |
| 236.25 | B5 | B5 | B5-B14 | |
| 272.73 | B5 | B5 | B5-B14 | |
| 315.00 | B5 | B5 | B5-B14 | |
| 393.75 | B5 | B5 | B5-B14 | |
| 433.33 | B5 | B5 | | |
| 472.50 | B5 | B5 | | |
| 541.67 | B5 | B5 | | |
| 650.00 | B5 | B5 | | |
| 787.50 | B5 | | | |
| 866.67 | B5 | | | |
| 1083.33 | B5 | | | |

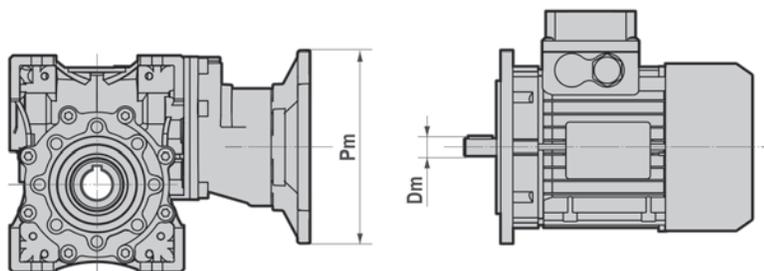
| NMRVpower 075 / HW030 | | | | |
|------------------------------|-----------|-----------|-----------|-----------|
| i | 56 | 63 | 71 | 80 |
| 22.08 | | | | B5-B14 |
| 29.00 | | | B5-B14 | B5-B14 |
| 38.67 | | | B5-B14 | B5-B14 |
| 44.17 | | | B5-B14 | B5-B14 |
| 47.50 | | | B5-B14 | B5-B14 |
| 58.00 | | | B5-B14 | B5-B14 |
| 71.25 | | | B5-B14 | B5-B14 |
| 77.33 | | | B5-B14 | B5-B14 |
| 81.82 | | B5 | B5-B14 | B5-B14 |
| 88.33 | | B5 | B5-B14 | B5-B14 |
| 95.00 | | B5 | B5-B14 | B5-B14 |
| 109.09 | | B5 | B5-B14 | B5-B14 |
| 116.00 | | B5 | B5-B14 | B5-B14 |
| 136.36 | | B5 | B5-B14 | B5-B14 |
| 142.50 | | B5 | B5-B14 | B5-B14 |
| 154.67 | | B5 | B5-B14 | B5-B14 |
| 163.64 | | B5 | B5-B14 | B5-B14 |
| 176.67 | | B5 | B5-B14 | B5-B14 |
| 196.88 | | B5 | B5-B14 | B5-B14 |
| 218.18 | | B5 | B5-B14 | B5-B14 |
| 236.25 | | B5 | B5-B14 | B5-B14 |
| 272.73 | | B5 | B5-B14 | B5-B14 |
| 315.00 | | B5 | B5-B14 | |
| 393.75 | B5 | B5 | B5-B14 | |
| 472.50 | B5 | B5 | B5-B14 | |
| 541.67 | B5 | B5 | | |
| 650.00 | B5 | B5 | | |
| 787.50 | B5 | B5 | | |
| 866.67 | B5 | B5 | | |
| 1083.33 | B5 | | | |

NMRVpower/HW - Standard input flange

| NMRVpower090 / HW040 | | | | |
|-----------------------------|-----------|-----------|-----------|-----------|
| i | 63 | 71 | 80 | 90 |
| 23.29 | | | B5-B14 | B5-B14 |
| 31.05 | | | B5-B14 | B5-B14 |
| 42.00 | | | B5-B14 | B5-B14 |
| 46.58 | | | B5-B14 | B5-B14 |
| 63.00 | | B5-B14 | B5-B14 | B5-B14 |
| 77.63 | | B5-B14 | B5-B14 | B5-B14 |
| 84.00 | | B5-B14 | B5-B14 | B5-B14 |
| 93.16 | | B5-B14 | B5-B14 | B5-B14 |
| 110.00 | | B5-B14 | B5-B14 | B5-B14 |
| 126.00 | | B5-B14 | B5-B14 | B5-B14 |
| 137.50 | | B5-B14 | B5-B14 | B5-B14 |
| 155.26 | B5 | B5-B14 | B5-B14 | B5-B14 |
| 165.00 | | B5-B14 | B5-B14 | B5-B14 |
| 186.32 | B5 | B5-B14 | B5-B14 | |
| 220.00 | B5 | B5-B14 | B5-B14 | B5-B14 |
| 252.00 | B5 | B5-B14 | B5-B14 | |
| 275.00 | B5 | B5-B14 | B5-B14 | |
| 304.55 | B5 | B5-B14 | B5-B14 | |
| 330.00 | B5 | B5-B14 | B5-B14 | |
| 383.33 | B5 | B5-B14 | B5-B14 | |
| 437.50 | B5 | B5-B14 | | |
| 460.00 | B5 | B5-B14 | | |
| 525.00 | B5 | B5-B14 | | |
| 613.33 | B5 | B5-B14 | | |
| 700.00 | B5 | B5-B14 | | |
| 766.67 | B5 | | | |
| 875.00 | B5 | | | |

| NMRVpower110 / HW040 | | | | |
|-----------------------------|-----------|-----------|-----------|-----------|
| i | 63 | 71 | 80 | 90 |
| 23.29 | | | B5-B14 | B5-B14 |
| 31.05 | | | B5-B14 | B5-B14 |
| 42.00 | | | B5-B14 | B5-B14 |
| 46.58 | | | B5-B14 | B5-B14 |
| 62.11 | | | B5-B14 | B5-B14 |
| 77.63 | | | B5-B14 | B5-B14 |
| 84.00 | | | B5-B14 | B5-B14 |
| 93.16 | | | B5-B14 | B5-B14 |
| 105.00 | | | B5-B14 | B5-B14 |
| 126.00 | | | B5-B14 | B5-B14 |
| 137.50 | | B5-B14 | B5-B14 | B5-B14 |
| 155.26 | | B5-B14 | B5-B14 | B5-B14 |
| 168.00 | | B5-B14 | B5-B14 | B5-B14 |
| 186.32 | | B5-B14 | B5-B14 | B5-B14 |
| 220.00 | | B5-B14 | B5-B14 | B5-B14 |
| 252.00 | | B5-B14 | B5-B14 | B5-B14 |
| 275.00 | | B5-B14 | B5-B14 | B5-B14 |
| 304.55 | B5 | B5-B14 | B5-B14 | B5-B14 |
| 330.00 | B5 | B5-B14 | B5-B14 | |
| 383.33 | B5 | B5-B14 | B5-B14 | |
| 440.00 | B5 | B5-B14 | B5-B14 | |
| 460.00 | B5 | B5-B14 | B5-B14 | |
| 525.00 | B5 | B5-B14 | | |
| 613.33 | B5 | B5-B14 | B5-B14 | |
| 700.00 | B5 | B5-B14 | | |
| 766.67 | B5 | B5-B14 | | |
| 875.00 | B5 | B5-B14 | | |

NMRVpower/HW - Standard input flange



| B5 | | |
|------------|-----------|-----------|
| | Pm | Dm |
| 056 | 120 | 9 |
| 063 | 140 | 11 |
| 071 | 160 | 14 |
| 080 | 200 | 19 |
| 090 | 200 | 24 |

| B14 | | |
|------------|-----------|-----------|
| | Pm | Dm |
| 071 | 105 | 14 |
| 080 | 120 | 19 |
| 090 | 140 | 24 |

NMRVpower/HW - Standard input flange - NEMA

| HW030 + NMRV-P063 | | | |
|-------------------|-----|-------|-------|
| Ratio | 56C | 140TC | 180TC |
| 22.08 | • | • | |
| 29.00 | • | • | |
| 38.67 | • | • | |
| 44.17 | • | • | |
| 47.50 | • | • | |
| 58.00 | • | • | |
| 71.25 | • | • | |
| 77.33 | • | | |
| 81.82 | • | | |
| 88.33 | • | | |
| 95.00 | • | | |
| 109.09 | • | | |
| 118.13 | • | | |
| 136.36 | • | | |
| 142.50 | • | | |
| 157.50 | • | | |
| 163.64 | • | | |
| 176.67 | • | | |
| 196.88 | • | | |
| 218.18 | • | | |
| 236.25 | • | | |
| 272.73 | • | | |
| 315.00 | • | | |
| 393.75 | • | | |
| 433.33 | • | | |
| 472.50 | • | | |
| 541.67 | • | | |
| 650.00 | • | | |
| 787.50 | • | | |
| 866.67 | • | | |
| 1083.33 | • | | |

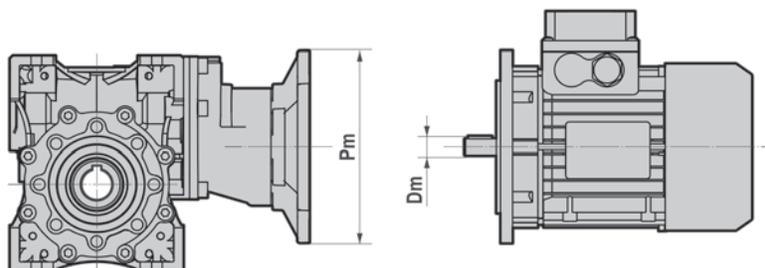
| HW030 + NMRV-P075 | | | |
|-------------------|-----|-------|-------|
| Ratio | 56C | 140TC | 180TC |
| 22.08 | • | • | |
| 29.00 | • | • | |
| 38.67 | • | • | |
| 44.17 | • | • | |
| 47.50 | • | • | |
| 58.00 | • | • | |
| 71.25 | • | • | |
| 77.33 | • | • | |
| 81.82 | • | • | |
| 88.33 | • | • | |
| 95.00 | • | • | |
| 109.09 | • | • | |
| 116.00 | • | • | |
| 136.36 | • | • | |
| 142.50 | • | • | |
| 154.67 | • | | |
| 163.64 | • | | |
| 176.67 | • | | |
| 196.88 | • | | |
| 218.18 | • | | |
| 236.25 | • | | |
| 272.73 | • | | |
| 315.00 | • | | |
| 393.75 | • | | |
| 472.50 | • | | |
| 541.67 | • | | |
| 650.00 | • | | |
| 787.50 | • | | |
| 866.67 | • | | |
| 1083.33 | • | | |

NMRVpower/HW - Standard input flange - NEMA

| HW040 + NMRV-P090 | | | |
|-------------------|-----|-------|-------|
| Ratio | 56C | 140TC | 180TC |
| 23.29 | • | • | • |
| 31.05 | • | • | • |
| 42.00 | • | • | • |
| 46.58 | • | • | • |
| 63.00 | • | • | |
| 77.63 | • | • | |
| 84.00 | • | • | |
| 93.16 | • | • | |
| 110.00 | • | • | |
| 126.00 | • | • | |
| 137.50 | • | • | |
| 155.26 | • | • | |
| 165.00 | • | • | |
| 186.32 | • | • | |
| 220.00 | • | • | |
| 252.00 | • | | |
| 275.00 | • | | |
| 304.55 | • | | |
| 330.00 | • | | |
| 383.33 | • | | |
| 437.50 | • | | |
| 460.00 | • | | |
| 525.00 | • | | |
| 613.33 | • | | |
| 700.00 | • | | |
| 766.67 | • | | |
| 875.00 | • | | |

| HW040 + NMRV-P110 | | | |
|-------------------|-----|-------|-------|
| Ratio | 56C | 140TC | 180TC |
| 23.29 | • | • | • |
| 31.05 | • | • | • |
| 42.00 | • | • | • |
| 46.58 | • | • | • |
| 62.11 | • | • | • |
| 77.63 | • | • | • |
| 84.00 | • | • | • |
| 93.16 | • | • | • |
| 105.00 | • | • | • |
| 126.00 | • | • | • |
| 137.50 | • | • | |
| 155.26 | • | • | |
| 168.00 | • | • | |
| 186.32 | • | • | |
| 220.00 | • | • | |
| 252.00 | • | • | |
| 275.00 | • | • | |
| 304.55 | • | • | |
| 330.00 | • | • | |
| 383.33 | • | • | |
| 440.00 | • | | |
| 460.00 | • | | |
| 525.00 | • | | |
| 613.33 | • | | |
| 700.00 | • | | |
| 766.67 | • | | |
| 875.00 | • | | |

NMRVpower/HW - Standard input flange



| IEC B5 | | |
|------------|-------|------|
| | Pm | Dm |
| 063 | 140mm | 11mm |
| 071 | 160mm | 14mm |
| 080 | 200mm | 19mm |
| 090 | 200mm | 24mm |

| IEC B14 | | |
|------------|-------|------|
| | Pm | Dm |
| 071 | 105mm | 14mm |
| 080 | 120mm | 19mm |
| 090 | 140mm | 24mm |

| NEMA | | |
|--------------|-------|-------|
| | Pm | Dm |
| 56C | 6.500 | 0.625 |
| 140TC | 6.500 | 0.875 |
| 180TC | 9.000 | 1.125 |

Efficiency

Efficiency is a parameter which has a major influence on the sizing of certain applications, and basically depends on gear pair design elements. The gear mesh data table on page 25 shows dynamic efficiency ($\eta_d=1750$) and static efficiency values. Remember that these values are only achieved after the unit has been run in.

Dynamic irreversibility

Dynamic irreversibility is achieved when the output shaft stops instantly when drive is no longer transmitted through the worm shaft. This condition requires a dynamic efficiency of $\eta_d < 0.5$ (see table on page 25).

Static irreversibility

Static irreversibility is achieved when, with the gear reducer at a standstill, the application of a load to the output shaft does not set in motion the worm shaft. This condition requires a static efficiency of $\eta_s < 0.5$ (see table on page 25).

Note: Vibrations and shocks can affect a gear reducer's irreversibility.

Irreversibility

| η_d | DYNAMIC IRREVERSIBILITY |
|------------------|------------------------------|
| > 0.6 | dynamic reversibility |
| 0.5 ~ 0.6 | low dynamic reversibility |
| 0.4 ~ 0.5 | good dynamic irreversibility |
| < 0.4 | dynamic irreversibility |

| η_s | STATIC IRREVERSIBILITY |
|-------------------|--------------------------|
| > 0.55 | static reversibility |
| 0.5 ~ 0.55 | low static reversibility |
| < 0.5 | static irreversibility |

- The table shows approximate irreversibility classes.
- The irreversibility condition of combined gear reducers is given by the units with the lowest efficiency.

Direction of rotation



NMRV-NRV

NMRV + NMRV - NRV + NMRV

- The helix is right-handed.

Gear mesh data

| NMRV / NRV | i | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |
|------------|--------------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 030 | Z1 | 6 | 4 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | γ | 27°04' | 18°49' | 14°20' | 9°40' | 7°42' | 5°35' | 4°52' | 3°52' | 3°12' | 2°45' | 2°07' | |
| | Mx | 1.44 | 1.44 | 1.44 | 1.44 | 1.09 | 1.7 | 1.44 | 1.09 | 0.89 | 0.74 | 0.56 | |
| | $\eta\delta(1750)$ | 0.87 | 0.85 | 0.83 | 0.78 | 0.74 | 0.69 | 0.66 | 0.60 | 0.56 | 0.52 | 0.45 | |
| | η_s | 0.72 | 0.67 | 0.63 | 0.55 | 0.5 | 0.43 | 0.39 | 0.35 | 0.31 | 0.27 | 0.23 | |
| 040 | Z1 | 6 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| | γ | 34°19' | 24°28' | 18°51' | 12°49' | 10°23' | 8°43' | 6°29' | 5°14' | 4°23' | 3°47' | 2°57' | 2°25' |
| | Mx | 2.06 | 2.06 | 2.06 | 2.06 | 1.57 | 1.27 | 2.06 | 1.57 | 1.27 | 1.06 | 0.81 | 0.65 |
| | $\eta\delta(1750)$ | 0.89 | 0.87 | 0.85 | 0.83 | 0.79 | 0.76 | 0.71 | 0.66 | 0.63 | 0.59 | 0.53 | 0.48 |
| | η_s | 0.74 | 0.71 | 0.67 | 0.6 | 0.55 | 0.51 | 0.45 | 0.4 | 0.36 | 0.32 | 0.28 | 0.24 |
| 050 | Z1 | 6 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| | γ | 33°37' | 23°54' | 18°23' | 12°30' | 10°06' | 8°29' | 6°19' | 5°06' | 4°16' | 3°40' | 2°52' | 2°21' |
| | Mx | 2.56 | 2.56 | 2.56 | 2.56 | 1.95 | 1.58 | 2.56 | 1.95 | 1.58 | 1.32 | 1 | 0.8 |
| | $\eta\delta(1750)$ | 0.89 | 0.88 | 0.87 | 0.83 | 0.8 | 0.77 | 0.73 | 0.68 | 0.64 | 0.6 | 0.54 | 0.5 |
| | η_s | 0.74 | 0.7 | 0.66 | 0.59 | 0.55 | 0.51 | 0.44 | 0.39 | 0.35 | 0.32 | 0.27 | 0.23 |
| 063 | Z1 | | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| | g | | 24°31' | 18°53' | 12°51' | 10°25' | 8°45' | 6°30' | 5°15' | 4°24' | 3°47' | 2°58' | 2°26' |
| | Mx | | 3.25 | 3.25 | 3.25 | 2.48 | 2 | 3.25 | 2.48 | 2 | 1.68 | 1.27 | 1.02 |
| | $\eta\delta(1750)$ | | 0.89 | 0.87 | 0.85 | 0.83 | 0.80 | 0.76 | 0.72 | 0.68 | 0.64 | 0.59 | 0.54 |
| | η_s | | 0.71 | 0.67 | 0.6 | 0.55 | 0.51 | 0.45 | 0.4 | 0.36 | 0.33 | 0.28 | 0.24 |
| 075 | Z1 | | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| | γ | | 26°17' | 20°20' | 13°52' | 11°18' | 9°32' | 7°02' | 5°42' | 4°48' | 4°08' | 3°14' | 2°40' |
| | Mx | | 3.94 | 3.94 | 3.94 | 3 | 2.42 | 3.94 | 3 | 2.42 | 2.03 | 1.54 | 1.24 |
| | $\eta\delta(1750)$ | | 0.89 | 0.88 | 0.86 | 0.84 | 0.82 | 0.78 | 0.74 | 0.71 | 0.67 | 0.62 | 0.57 |
| | η_s | | 0.71 | 0.68 | 0.61 | 0.57 | 0.53 | 0.46 | 0.42 | 0.38 | 0.35 | 0.29 | 0.26 |
| 090 | Z1 | | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| | γ | | 29°11' | 22°44' | 15°36' | 12°50' | 10°54' | 7°57' | 6°30' | 5°30' | 4°46' | 3°45' | 3°06' |
| | Mx | | 4.84 | 4.84 | 4.84 | 3.69 | 2.98 | 4.84 | 3.69 | 2.98 | 2.5 | 1.89 | 1.52 |
| | $\eta\delta(1750)$ | | 0.90 | 0.89 | 0.87 | 0.86 | 0.84 | 0.80 | 0.77 | 0.74 | 0.71 | 0.65 | 0.61 |
| | η_s | | 0.73 | 0.7 | 0.64 | 0.6 | 0.56 | 0.49 | 0.45 | 0.41 | 0.38 | 0.32 | 0.28 |
| 110 | Z1 | | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| | γ | | 28°15' | 21°57' | 15°02' | 14°41' | 12°34' | 7°39' | 7°28' | 6°22' | 5°32' | 4°24' | 3°39' |
| | Mx | | 5.875 | 5.875 | 5.875 | 4.62 | 3.73 | 5.875 | 4.62 | 3.73 | 3.13 | 2.37 | 1.91 |
| | $\eta\delta(1750)$ | | 0.90 | 0.89 | 0.88 | 0.87 | 0.86 | 0.81 | 0.80 | 0.77 | 0.75 | 0.69 | 0.65 |
| | η_s | | 0.72 | 0.69 | 0.63 | 0.62 | 0.59 | 0.48 | 0.48 | 0.44 | 0.41 | 0.36 | 0.32 |
| 130 | Z1 | | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| | γ | | 28°41' | 22°19' | 15°18' | 13°52' | 11°49' | 7°47' | 7°02' | 5°58' | 5°11' | 4°07' | 3°24' |
| | Mx | | 6.97 | 6.97 | 6.97 | 5.4 | 4.37 | 6.97 | 5.4 | 4.37 | 3.67 | 2.77 | 2.23 |
| | $\eta\delta(1750)$ | | 0.91 | 0.89 | 0.87 | 0.87 | 0.85 | 0.81 | 0.79 | 0.76 | 0.73 | 0.69 | 0.65 |
| | η_s | | 0.72 | 0.69 | 0.63 | 0.61 | 0.58 | 0.49 | 0.46 | 0.43 | 0.39 | 0.34 | 0.3 |
| 150 | Z1 | | 6 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| | γ | | 32°09' | 24°35' | 17°27' | 12°53' | 11°19' | 9°50' | 6°32' | 5°43' | 4°57' | 3°55' | 3°14' |
| | Mx | | 5.5 | 6.155 | 5.5 | 6.155 | 5 | 4.193 | 6.155 | 5 | 4.193 | 3.17 | 2.55 |
| | $\eta\delta(1750)$ | | 0.91 | 0.9 | 0.88 | 0.87 | 0.85 | 0.84 | 0.79 | 0.77 | 0.74 | 0.69 | 0.65 |
| | η_s | | 0.73 | 0.71 | 0.66 | 0.6 | 0.57 | 0.54 | 0.45 | 0.42 | 0.39 | 0.33 | 0.29 |

NMRV - NMRVpower - Angular backlash

| NMRV 030 | NMRV 040 | NMRV 050 | NMRV-P 063 | NMRV-P 075 | NMRV-P 090 | NMRV-P 110 | NMRV 130 | NMRV 150 |
|-----------|-----------|-----------|------------|------------|------------|------------|----------|----------|
| 20' - 44' | 18' - 34' | 18' - 32' | 18' - 28' | 18' - 24' | 6' - 18' | 6' - 14' | 6' - 12' | 6' - 12' |

- Such values in ARC-minute can be detected on the output shaft, with locked input shaft. For applications requiring controlled or reduced backlash, please contact our technical service.

Design features PC

The PC construction is modular and therefore it can be supplied as a separate unit to be mounted on any type of fitted geared motor (input flange). In this connection, the various possibilities of flange/output shafts can be found on page 16.

Fitting the pre-stage helical module on the main gear reducer is easily done as for any motor of type B14.

The pre-stage unit cannot be used by itself, but only coupled with another gear reducer.

Materials

Casing in aluminium alloy. Gears in case hardened, hardened, tempered steel 20MnCr5 (UNI7846).

Design features HW

There are two pre-stage units called HW. HW030 which can be mounted on gearboxes NMRVpower063-075 and HW040 which can be fitted with gearboxes NMRVpower090-110. The pre-stage construction is modular and therefore it can be supplied for various motor (input flange) with B5 and B14 flange.

The pre-stage is always coupled to the reducer NMRVpower.

Materials

Casing in aluminium alloy. Steel gears 20MnCr5 (UNI7846), hardened, tempered and carefully scraped.

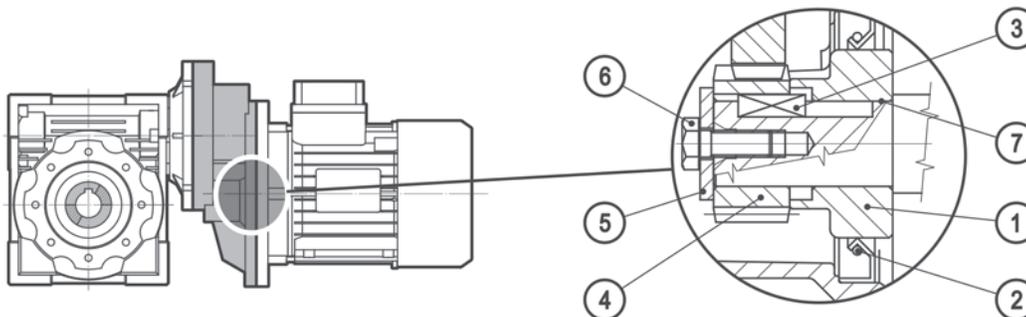
Coupling to electric motor PC

Correctly fitting the pinion on the electric motor shaft requires you keep to the following instructions:

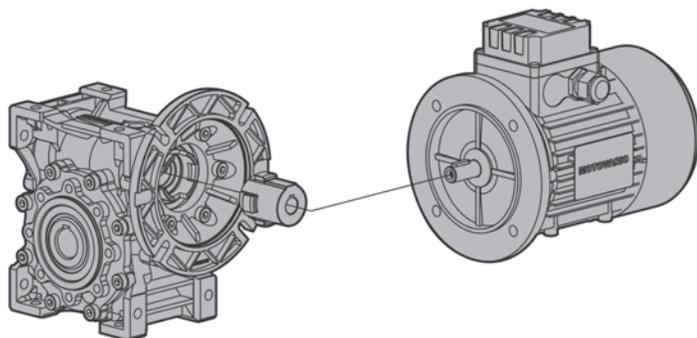
- Thoroughly clean the electric motor shaft.
- Remove the motor key from its seat.
- Fit the bush (1) to the drive shaft as shown in the diagram, using liquid gasket (7). To make this easier, you can heat the bush to approximately 158°F/176°F.
- Fit the new key (3) provided in place of the one removed beforehand.
- Fit the pinion (4) taking the same precautions as described in point (c).

- Fit the washer (5) and tighten with the screw (6).
- Remove the rubber cap mounted on the seat of the oil seal, taking care since the pre-stage unit is already complete with lubricant.
- Fit the oil seal (2) and then the motor assembly, taking care not to damage the lip of the oil seal.

Note: For correct operation, with no vibration or noise, it is recommended to use MOTOVARIO motors.



Motor mounting with input flange



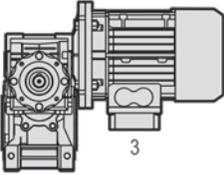
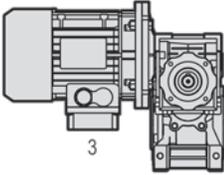
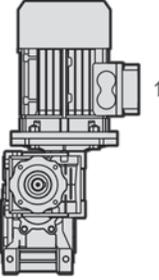
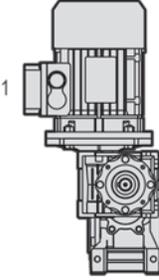
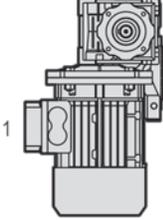
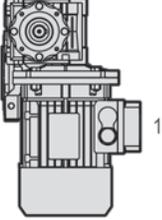
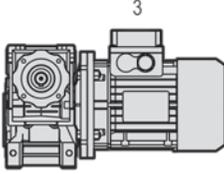
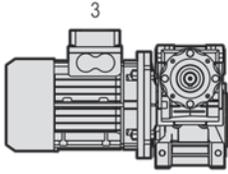
- When the unit is supplied without motor, to ensure the correct assembly of the electric motor, it is necessary to follow recommendations below.
- Check that the tolerances for the motor shaft and flange correspond to the latest IEC standard.
- Carefully clean the motor shaft, spigot and surfaces of the flange removing any traces of paint and dirt.
- Verify the correct key fitment and tolerances and then proceed fitting the bushing to the motor shaft (see picture) taking care to ensure the motor shaft and bearings are not damaged by avoiding excessive force and where necessary using assembly equipment.
- Finally assemble the motor to the unit ensuring its bushin teeth are in perfect alignment with the teeth of the unit bushing. Always use good procedures and practices that ensure correct operation without risking damage to the motor or unit bearings. Motor key adjustment is not provided.

NMRV - NMRVpower - Mounting positions

| NMRV-NMRVpower - NRV- NRVpower | | | |
|--------------------------------|----|----|----|
| NMRVpower...U - B3 | B6 | V5 | V6 |
| | | | |
| | | | |
| | | | |

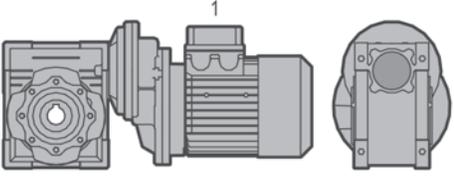
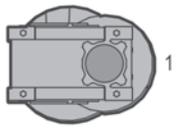
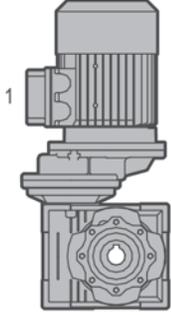
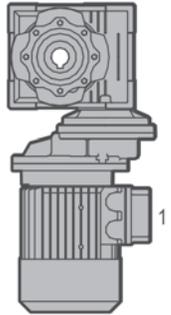
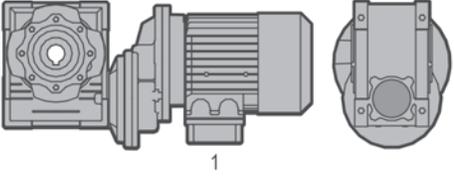
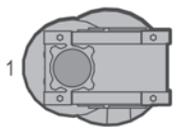
- "U" version is related to sizes from NMRV/NMRV-P 025-075 and NRV/NRV-P 030-063. For these sizes it is not necessary to specify mounting position.
- For vertical positions, check with page 4.
- For positions not shown above, it is necessary to contact our Technical Service.
- Unless specified otherwise, the standard positions are B3.
- Mount the unit in the expected mounting position. Otherwise contact our Technical Service.

NMRV+NMRV - NMRV+NMRVpower - Double worm gearbox assembly positions

| NMRV-NMRVpower / NRV-NMRVpower | | | |
|--|--|--|---|
| AS1 | AS2 | VS1 | VS2 |
|  |  |  |  |
| PS1 | PS2 | BS1 | BS2 |
|  |  |  |  |

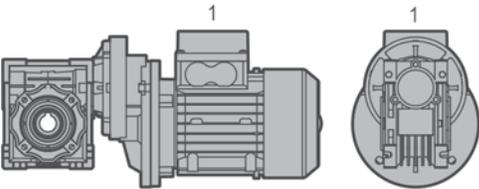
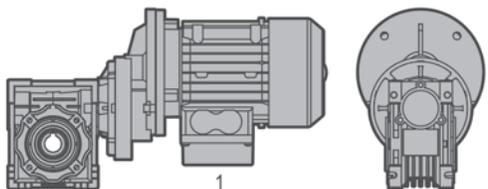
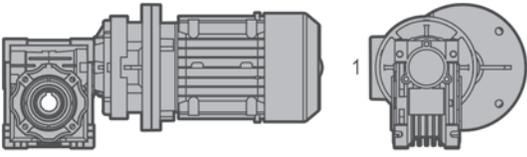
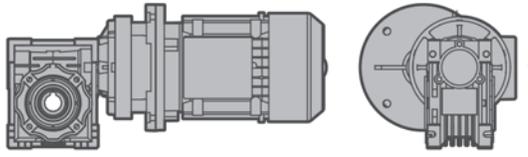
- The position of the 1st reducer with respect to the 2nd gear reducer depend on the version.
- The specified mounting position refers to the 2nd gear reducer. See page 27 for the possible mounting positions.
- Unless otherwise specified at the time of order, combination groups are supplied in version BS2.
- Mount the unit in the expected mounting position. Otherwise contact our Technical Service.

PC+NMRV - Mounting positions

| PC - NMRV | | | |
|---|---|--|---|
| B3 | B6 | V5 | V6 |
|  |  |  |  |
|  |  | | |

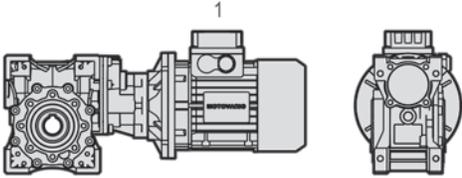
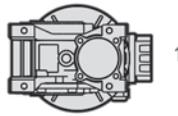
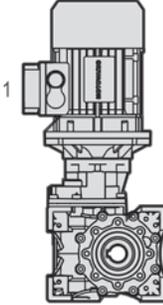
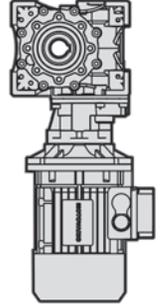
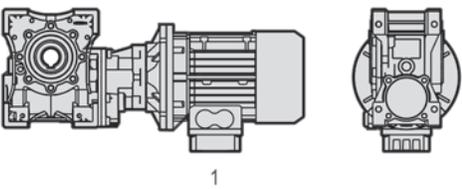
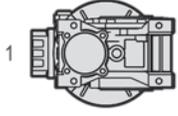
- For NMRV 030-075 mounting position is U and it is valid for positions B3-B6-B7-B8-V5-V6.
- For NMRV 090-105 mounting position B3 is valid also for B6-B7-B8. Mounting positions V5 and V6 must be specified.
- For NMRV 110-150 mounting positions B3-B6-B7-B8-V5-V6 must be specified.
- Mount the unit in the expected mounting position. Otherwise contact our Technical Service.

PC+NMRV - Helical worm gearbox assembly positions

| PC - NMRV | |
|---|--|
| BS | AS |
|  |  |
| VS | PS |
|  |  |

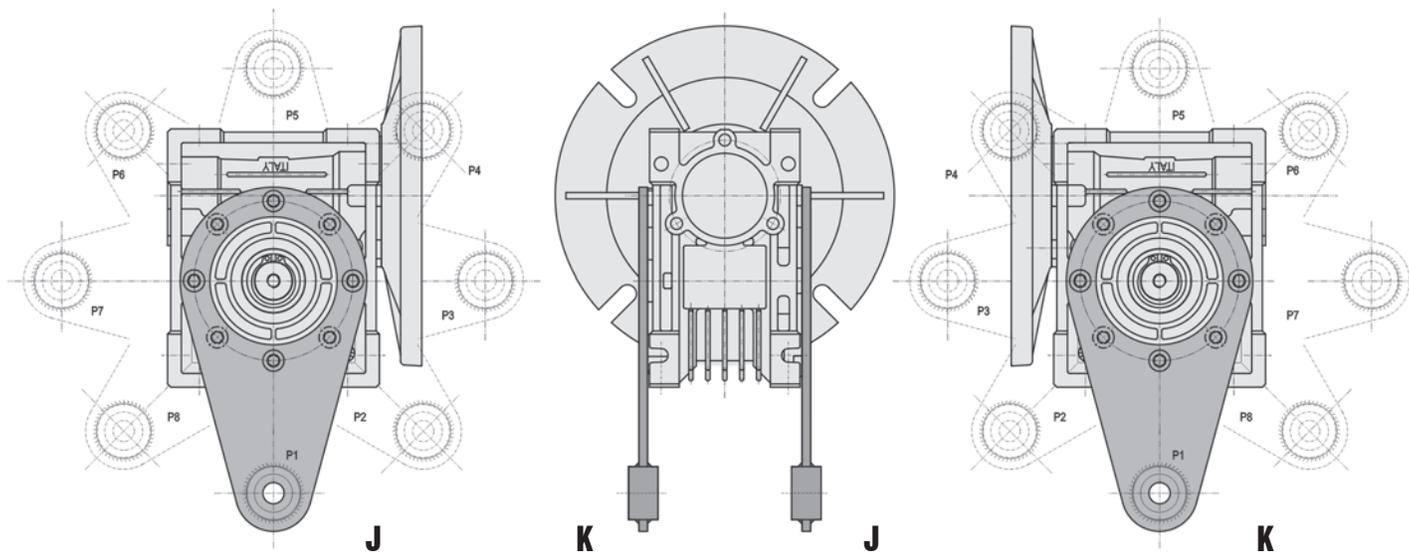
- Unless specified otherwise, the standard positions are BS/B3.
- Note: When ordering, please always specify helical worm gearbox assembly positions and mounting position.

NMRVpower/HW - Mounting positions

| NMRVpower/HW | | | |
|---|---|--|---|
| BS/B3 | B6 | V5 | V6 |
|  |  |  |  |
| B8 | B7 | | |
|  |  | | |

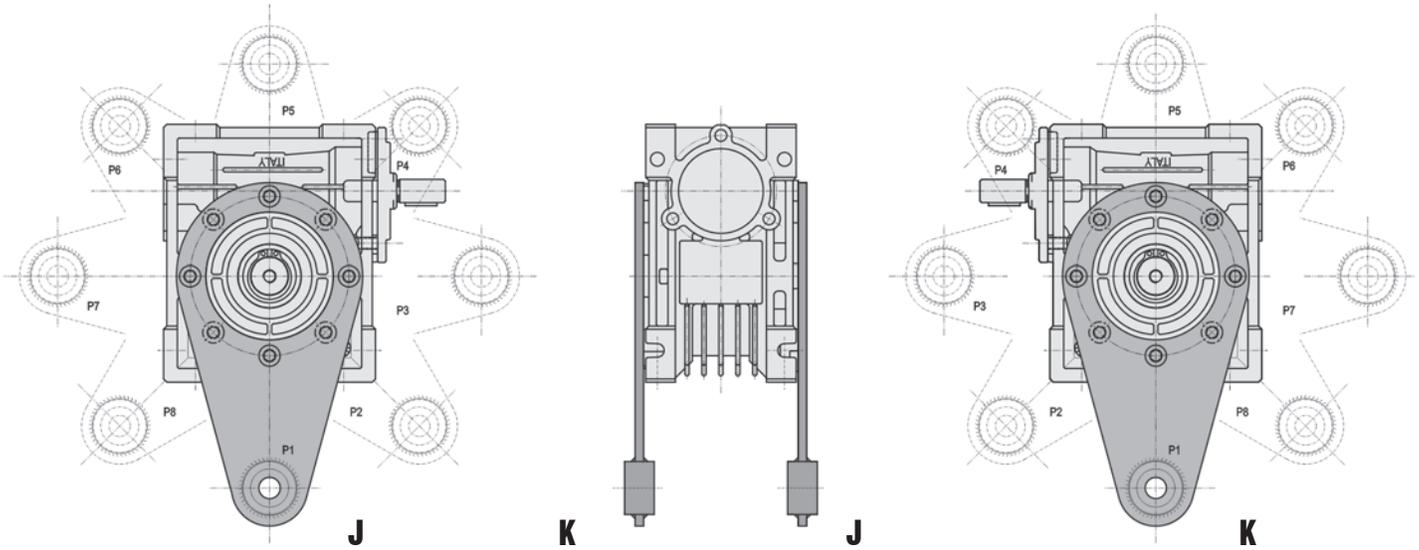
- For NMRVpower/HW 063-075 mounting position B3 is valid also for B6-B7-B8-V6. Mounting position V5 must be specified.
- For NMRV 090-110 mounting position B3 is valid also for B6-B7-B8. Mounting positions V5 and V6 must be specified.
- For NMRV 130-150 mounting positions B3-B6-B7-B8-V5-V6 must be specified.
- Unless specified otherwise, the standard positions are BS/B3.
- **Assembly position only in BS**
- Mount the unit in the expected mounting position. Otherwise contact our Technical Service.

NMRV-NMRL Torque Arm - Mounting Position



| NMRV-NMRVP NMRL | P1 | | P2 | | P3 | | P4 | | P5 | | P6 | | P7 | | P8 | |
|--------------------|---------|---|----|----|----|----|----|----|---------|----|---------|----|---------|---|---------|----|
| | J | K | J | K | J | K | J | K | J | K | J | K | J | K | J | K |
| 025 | | | / | / | NO | NO | / | / | | | / | / | | | / | / |
| 030 | | | NO | NO | NO | NO | NO | NO | | | | | | | | |
| 040 | NO NMRL | | NO NMRL | | NO NMRL | | NO NMRL | | NO NMRL | |
| 050 | | | NO | NO | NO | NO | NO | NO | | | NO | NO | | | | |
| 063 | | | | | NO | NO | NO | NO | | | | | | | | |
| 075 | | | NO | NO | NO | NO | NO | NO | | | | | | | | |
| 090 | | | | | NO | NO | NO | NO | | | | | | | | |
| 110 | | | | | NO | NO | NO | NO | | | | | | | | |
| 130 | | | | | NO | NO | NO | NO | | | | | | | | |
| 150 | | | NO | NO | NO | NO | NO | | NO | NO |

NRV-NRL Torque Arm - Mounting Position



| NRV-NRVP NRL | P1 | | P2 | | P3 | | P4 | | P5 | | P6 | | P7 | | P8 | |
|-----------------|--------|---|--------|----|--------|----|----|----|--------|----|--------|----|--------|---|--------|----|
| | J | K | J | K | J | K | J | K | J | K | J | K | J | K | J | K |
| 030 | | | NO | NO | | | NO | NO | | | | | | | | |
| 040 | NO NRL | | NO NRL | NO | NO NRL | NO | NO | NO | NO NRL | | NO NRL | | NO NRL | | NO NRL | |
| 050 | | | NO | NO | | | NO | NO | | | NO | NO | | | | |
| 063 | | | | | | | NO | NO | | | | | | | | |
| 075 | | | | | | | NO | NO | | | | | | | | |
| 090 | | | | | | | NO | NO | | | | | | | | |
| 110 | | | | | | | NO | NO | | | | | | | | |
| 130 | | | | | | | NO | NO | | | | | | | | |
| 150 | | | NO | NO | | | NO | NO | NO | NO | NO | NO | | | NO | NO |

Worm Gearmotor Ratings - Motor Speed 1750 rpm

0.08 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 41 | 7.3 | 13 | 5 | 92 | 92 | NMRV025 | 56A4 | - | - |
| 61 | 5.0 | 18 | 7.5 | 92 | 105 | NMRV025 | 56A4 | - | - |
| 72 | 4.2 | 24 | 10 | 101 | 115 | NMRV025 | 56A4 | - | - |
| 103 | 2.9 | 34 | 15 | 101 | 132 | NMRV025 | 56A4 | - | - |
| 131 | 2.3 | 43 | 20 | 101 | 145 | NMRV025 | 56A4 | - | - |
| 162 | 1.9 | 58 | 30 | 109 | 167 | NMRV025 | 56A4 | - | - |
| 199 | 1.5 | 72 | 40 | 109 | 183 | NMRV025 | 56A4 | - | - |
| 276 | 1.1 | 84 | 50 | 92 | 197 | NMRV025 | 56A4 | - | - |

0.12 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 62 | 4.9 | 19 | 5 | 92 | 92 | NMRV025 | 56B4 | - | - |
| 91 | 3.3 | 28 | 7.5 | 92 | 105 | NMRV025 | 56B4 | - | - |
| 108 | 2.8 | 36 | 10 | 101 | 115 | NMRV025 | 56B4 | - | - |
| 155 | 2.0 | 51 | 15 | 101 | 132 | NMRV025 | 56B4 | - | - |
| 196 | 1.5 | 65 | 20 | 101 | 145 | NMRV025 | 56B4 | - | - |
| 241 | 1.3 | 87 | 30 | 109 | 167 | NMRV025 | 56B4 | - | - |
| 277 | 1.0 | 108 | 40 | 109 | 183 | NMRV025 | 56B4 | - | - |

0.16 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 83 | 3.7 | 25 | 5 | 92 | 92 | NMRV025 | 56C4 | - | - |
| 121 | 2.5 | 37 | 7.5 | 92 | 105 | NMRV025 | 56C4 | - | - |
| 145 | 2.1 | 48 | 10 | 101 | 115 | NMRV025 | 56C4 | - | - |
| 207 | 1.5 | 69 | 15 | 101 | 132 | NMRV025 | 56C4 | - | - |
| 260 | 1.2 | 87 | 20 | 101 | 145 | NMRV025 | 56C4 | - | - |
| 350 | 6.4 | 25 | 5 | 160 | 125 | NMRV030 | 63A4 | NMRV030 | 48C |
| 350 | 11 | 26 | 5 | 303 | 240 | NMRV040 | 63A4 | NMRV040 | 56C |
| 233 | 4.3 | 37 | 7.5 | 160 | 143 | NMRV030 | 63A4 | NMRV030 | 48C |
| 233 | 9.4 | 38 | 7.5 | 353 | 274 | NMRV040 | 63A4 | NMRV040 | 56C |
| 175 | 3.3 | 48 | 10 | 160 | 157 | NMRV030 | 63A4 | NMRV030 | 48C |
| 175 | 7.5 | 49 | 10 | 370 | 302 | NMRV040 | 63A4 | NMRV040 | 56C |
| 117 | 2.4 | 67 | 15 | 160 | 180 | NMRV030 | 63A4 | NMRV030 | 48C |
| 117 | 5.2 | 72 | 15 | 370 | 346 | NMRV040 | 63A4 | NMRV040 | 56C |
| 88 | 1.8 | 85 | 20 | 151 | 198 | NMRV030 | 63A4 | NMRV030 | 48C |
| 88 | 4.0 | 91 | 20 | 361 | 380 | NMRV040 | 63A4 | NMRV040 | 56C |
| 70 | 1.9 | 99 | 25 | 185 | 213 | NMRV030 | 63A4 | NMRV030 | 48C |
| 70 | 3.0 | 110 | 25 | 328 | 410 | NMRV040 | 63A4 | NMRV040 | 56C |
| 58 | 1.5 | 114 | 30 | 177 | 226 | NMRV030 | 63A4 | NMRV030 | 48C |
| 58 | 3.3 | 123 | 30 | 403 | 435 | NMRV040 | 63A4 | NMRV040 | 56C |
| 44 | 1.2 | 138 | 40 | 160 | 249 | NMRV030 | 63A4 | NMRV030 | 48C |
| 44 | 2.5 | 152 | 40 | 378 | 479 | NMRV040 | 63A4 | NMRV040 | 56C |
| 44 | 4.4 | 157 | 40 | 689 | 658 | NMRV050 | 63A4 | NMRV050 | 56C |
| 35 | 1.9 | 182 | 50 | 353 | 516 | NMRV040 | 63A4 | NMRV040 | 56C |
| 35 | 3.5 | 184 | 50 | 647 | 709 | NMRV050 | 63A4 | NMRV050 | 56C |

0.16 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 29 | 1.6 | 204 | 60 | 328 | 549 | NMRV040 | 63A4 | NMRV040 | 56C |
| 29 | 2.9 | 207 | 60 | 605 | 753 | NMRV050 | 63A4 | NMRV050 | 56C |
| 22 | 1.1 | 244 | 80 | 277 | 604 | NMRV040 | 63A4 | NMRV040 | 56C |
| 22 | 2.2 | 249 | 80 | 546 | 829 | NMRV050 | 63A4 | NMRV050 | 56C |
| 22 | 3.8 | 274 | 80 | 1026 | 1083 | - | - | NMRV-P63 | 56C |
| 18 | 1.6 | 288 | 100 | 462 | 893 | NMRV050 | 63A4 | NMRV050 | 56C |
| 18 | 3.2 | 308 | 100 | 992 | 1167 | - | - | NMRV-P63 | 56C |

0.25 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 350 | 4.1 | 39 | 5 | 160 | 125 | NMRV030 | 63B4 | NMRV030 | 48C |
| 350 | 7.6 | 40 | 5 | 303 | 240 | NMRV040 | 63B4 | NMRV040 | 56C |
| 233 | 2.8 | 57 | 7.5 | 160 | 143 | NMRV030 | 63B4 | NMRV030 | 48C |
| 233 | 6.0 | 59 | 7.5 | 353 | 274 | NMRV040 | 63B4 | NMRV040 | 56C |
| 175 | 2.1 | 75 | 10 | 160 | 157 | NMRV030 | 63B4 | NMRV030 | 48C |
| 175 | 4.8 | 77 | 10 | 370 | 302 | NMRV040 | 63B4 | NMRV040 | 56C |
| 117 | 1.5 | 105 | 15 | 160 | 180 | NMRV030 | 63B4 | NMRV030 | 48C |
| 117 | 3.3 | 112 | 15 | 370 | 346 | NMRV040 | 63B4 | NMRV040 | 56C |
| 88 | 1.1 | 133 | 20 | 151 | 198 | NMRV030 | 63B4 | NMRV030 | 48C |
| 88 | 2.5 | 142 | 20 | 361 | 380 | NMRV040 | 63B4 | NMRV040 | 56C |
| 88 | 4.6 | 144 | 20 | 656 | 522 | - | - | NMRV050 | 56C |
| 70 | 1.2 | 155 | 25 | 185 | 213 | NMRV030 | 63B4 | NMRV030 | 48C |
| 70 | 1.9 | 171 | 25 | 328 | 410 | NMRV040 | 63B4 | NMRV040 | 56C |
| 70 | 3.4 | 173 | 25 | 597 | 562 | - | - | NMRV050 | 56C |
| 58 | 1.0 | 178 | 30 | 177 | 226 | NMRV030 | 63B4 | NMRV030 | 48C |
| 58 | 2.1 | 192 | 30 | 403 | 435 | NMRV040 | 63B4 | NMRV040 | 56C |
| 58 | 3.8 | 197 | 30 | 740 | 598 | - | - | NMRV050 | 56C |
| 44 | 1.6 | 238 | 40 | 378 | 479 | NMRV040 | 63B4 | NMRV040 | 56C |
| 44 | 2.8 | 245 | 40 | 689 | 658 | NMRV050 | 63B4 | NMRV050 | 56C |
| 35 | 1.2 | 284 | 50 | 353 | 516 | NMRV040 | 63B4 | NMRV040 | 56C |
| 35 | 2.2 | 288 | 50 | 647 | 709 | NMRV050 | 63B4 | NMRV050 | 56C |
| 35 | 3.9 | 306 | 50 | 1207 | 926 | - | - | NMRV-P63 | 56C |
| 29 | 1.0 | 319 | 60 | 328 | 549 | NMRV040 | 63B4 | NMRV040 | 56C |
| 29 | 1.9 | 324 | 60 | 605 | 753 | NMRV050 | 63B4 | NMRV050 | 56C |
| 29 | 3.3 | 347 | 60 | 1135 | 984 | - | - | NMRV-P63 | 56C |
| 22 | 1.4 | 389 | 80 | 546 | 829 | NMRV050 | 63B4 | NMRV050 | 56C |
| 22 | 2.4 | 427 | 80 | 1026 | 1083 | - | - | NMRV-P63 | 56C |
| 22 | 3.6 | 449 | 80 | 1632 | 1279 | - | - | NMRV-P75 | 56C |
| 18 | 1.0 | 450 | 100 | 462 | 893 | NMRV050 | 63B4 | NMRV050 | 56C |
| 18 | 2.1 | 482 | 100 | 992 | 1167 | - | - | NMRV-P63 | 56C |
| 18 | 2.9 | 516 | 100 | 1517 | 1378 | - | - | NMRV-P75 | 56C |

0.33 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 350 | 3.1 | 52 | 5 | 160 | 125 | - | - | NMRV030 | 48C |
| 350 | 5.7 | 53 | 5 | 303 | 240 | NMRV040 | 71A4 | NMRV040 | 56C |
| 233 | 2.1 | 76 | 7.5 | 160 | 143 | - | - | NMRV030 | 48C |
| 233 | 4.6 | 78 | 7.5 | 353 | 274 | NMRV040 | 71A4 | NMRV040 | 56C |

0.33 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 175 | 1.6 | 99 | 10 | 160 | 157 | - | - | NMRV030 | 48C |
| 175 | 3.7 | 101 | 10 | 370 | 302 | NMRV040 | 71A4 | NMRV040 | 56C |
| 117 | 1.1 | 139 | 15 | 160 | 180 | - | - | NMRV030 | 48C |
| 117 | 2.5 | 148 | 15 | 370 | 346 | NMRV040 | 71A4 | NMRV040 | 56C |
| 117 | 4.6 | 148 | 15 | 681 | 474 | NMRV050 | 71A4 | NMRV050 | 56C |
| 88 | 1.9 | 188 | 20 | 361 | 380 | NMRV040 | 71A4 | NMRV040 | 56C |
| 88 | 3.4 | 190 | 20 | 656 | 522 | NMRV050 | 71A4 | NMRV050 | 56C |
| 70 | 1.5 | 226 | 25 | 328 | 410 | NMRV040 | 71A4 | NMRV040 | 56C |
| 70 | 2.6 | 229 | 25 | 597 | 562 | NMRV050 | 71A4 | NMRV050 | 56C |
| 70 | 4.7 | 237 | 25 | 1123 | 735 | NMRV-P63 | 71A4 | NMRV-P63 | 56C |
| 58 | 1.6 | 253 | 30 | 403 | 435 | NMRV040 | 71A4 | NMRV040 | 56C |
| 58 | 2.8 | 260 | 30 | 740 | 598 | NMRV050 | 71A4 | NMRV050 | 56C |
| 44 | 1.2 | 314 | 40 | 378 | 479 | NMRV040 | 71A4 | NMRV040 | 56C |
| 44 | 2.1 | 323 | 40 | 689 | 658 | NMRV050 | 71A4 | NMRV050 | 56C |
| 44 | 3.7 | 343 | 40 | 1261 | 860 | NMRV-P63 | 71A4 | NMRV-P63 | 56C |
| 35 | 1.7 | 380 | 50 | 647 | 709 | NMRV050 | 71A4 | NMRV050 | 56C |
| 35 | 3.0 | 404 | 50 | 1207 | 926 | NMRV-P63 | 71A4 | NMRV-P63 | 56C |
| 29 | 1.4 | 428 | 60 | 605 | 753 | NMRV050 | 71A4 | NMRV050 | 56C |
| 29 | 2.5 | 458 | 60 | 1135 | 984 | NMRV-P63 | 71A4 | NMRV-P63 | 56C |
| 29 | 3.7 | 480 | 60 | 1778 | 1162 | NMRV-P75 | 71A4 | NMRV-P75 | 56C |
| 22 | 1.1 | 514 | 80 | 546 | 829 | NMRV050 | 71A4 | NMRV050 | 56C |
| 22 | 1.8 | 564 | 80 | 1026 | 1083 | NMRV-P63 | 71A4 | NMRV-P63 | 56C |
| 22 | 2.8 | 592 | 80 | 1632 | 1279 | NMRV-P75 | 71A4 | NMRV-P75 | 56C |
| 22 | 3.9 | 621 | 80 | 2396 | 1415 | - | - | NMRV-P90 | 56C |
| 18 | 1.6 | 636 | 100 | 992 | 1167 | NMRV-P63 | 71A4 | NMRV-P63 | 56C |
| 18 | 2.2 | 681 | 100 | 1517 | 1378 | NMRV-P75 | 71A4 | NMRV-P75 | 56C |
| 18 | 3.1 | 728 | 100 | 2270 | 1524 | - | - | NMRV-P90 | 56C |

0.50 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 350 | 3.8 | 80 | 5 | 303 | 240 | NMRV040 | 71B4 | NMRV040 | 56C |
| 350 | 7.1 | 80 | 5 | 572 | 329 | NMRV050 | 71B4 | NMRV050 | 56C |
| 233 | 3.0 | 118 | 7.5 | 353 | 274 | NMRV040 | 71B4 | NMRV040 | 56C |
| 175 | 2.4 | 153 | 10 | 370 | 302 | NMRV040 | 71B4 | NMRV040 | 56C |
| 175 | 4.2 | 157 | 10 | 664 | 414 | NMRV050 | 71B4 | NMRV050 | 56C |
| 117 | 1.6 | 224 | 15 | 370 | 346 | NMRV040 | 71B4 | NMRV040 | 56C |
| 117 | 3.0 | 224 | 15 | 681 | 474 | NMRV050 | 71B4 | NMRV050 | 56C |
| 88 | 1.3 | 285 | 20 | 361 | 380 | NMRV040 | 71B4 | NMRV040 | 56C |
| 88 | 2.3 | 288 | 20 | 656 | 522 | NMRV050 | 71B4 | NMRV050 | 56C |
| 88 | 4.1 | 298 | 20 | 1224 | 683 | NMRV-P63 | 71B4 | NMRV-P63 | 56C |
| 70 | 1.7 | 347 | 25 | 597 | 562 | NMRV050 | 71B4 | NMRV050 | 56C |
| 70 | 3.1 | 359 | 25 | 1123 | 735 | NMRV-P63 | 71B4 | NMRV-P63 | 56C |
| 58 | 1.1 | 384 | 30 | 403 | 435 | NMRV040 | 71B4 | NMRV040 | 56C |
| 58 | 1.9 | 394 | 30 | 740 | 598 | NMRV050 | 71B4 | NMRV050 | 56C |
| 58 | 3.3 | 410 | 30 | 1345 | 781 | NMRV-P63 | 71B4 | NMRV-P63 | 56C |
| 44 | 1.4 | 490 | 40 | 689 | 658 | NMRV050 | 71B4 | NMRV050 | 56C |
| 44 | 2.4 | 519 | 40 | 1261 | 860 | NMRV-P63 | 71B4 | NMRV-P63 | 56C |
| 44 | 3.8 | 533 | 40 | 2029 | 1015 | NMRV-P75 | 71B4 | NMRV-P75 | 56C |
| 35 | 1.1 | 576 | 50 | 647 | 709 | NMRV050 | 71B4 | NMRV050 | 56C |
| 35 | 2.0 | 613 | 50 | 1207 | 926 | NMRV-P63 | 71B4 | NMRV-P63 | 56C |
| 35 | 2.9 | 640 | 50 | 1880 | 1093 | NMRV-P75 | 71B4 | NMRV-P75 | 56C |

0.50 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 29 | 1.6 | 694 | 60 | 1135 | 984 | NMRV-P63 | 71B4 | NMRV-P63 | 56C |
| 29 | 2.4 | 727 | 60 | 1778 | 1162 | NMRV-P75 | 71B4 | NMRV-P75 | 56C |
| 29 | 3.9 | 768 | 60 | 2959 | 1286 | - | - | NMRV-P90 | 56C |
| 22 | 1.2 | 855 | 80 | 1026 | 1083 | NMRV-P63 | 71B4 | NMRV-P63 | 56C |
| 22 | 1.8 | 897 | 80 | 1632 | 1279 | NMRV-P75 | 71B4 | NMRV-P75 | 56C |
| 22 | 2.5 | 940 | 80 | 2396 | 1415 | - | - | NMRV-P90 | 56C |
| 18 | 1.0 | 963 | 100 | 992 | 1167 | NMRV-P63 | 71B4 | NMRV-P63 | 56C |
| 18 | 1.5 | 1031 | 100 | 1517 | 1378 | NMRV-P75 | 71B4 | NMRV-P75 | 56C |
| 18 | 2.1 | 1103 | 100 | 2270 | 1524 | - | - | NMRV-P90 | 56C |

0.75 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 350 | 2.5 | 120 | 5 | 303 | 240 | - | - | NMRV040 | 56C |
| 350 | 4.8 | 120 | 5 | 572 | 329 | NMRV050 | 80A4 | NMRV050 | 56C |
| 233 | 2.0 | 176 | 7.5 | 353 | 274 | - | - | NMRV040 | 56C |
| 233 | 3.6 | 178 | 7.5 | 647 | 377 | NMRV050 | 80A4 | NMRV050 | 56C |
| 175 | 1.6 | 230 | 10 | 370 | 302 | - | - | NMRV040 | 56C |
| 175 | 2.8 | 235 | 10 | 664 | 414 | NMRV050 | 80A4 | NMRV050 | 56C |
| 117 | 1.1 | 336 | 15 | 370 | 346 | - | - | NMRV040 | 56C |
| 117 | 2.0 | 336 | 15 | 681 | 474 | NMRV050 | 80A4 | NMRV050 | 56C |
| 88 | 1.5 | 432 | 20 | 656 | 522 | NMRV050 | 80A4 | NMRV050 | 56C |
| 88 | 2.7 | 446 | 20 | 1224 | 683 | NMRV-P63 | 80A4 | NMRV-P63 | 56C |
| 70 | 1.1 | 520 | 25 | 597 | 562 | NMRV050 | 80A4 | NMRV050 | 56C |
| 70 | 2.1 | 539 | 25 | 1123 | 735 | NMRV-P63 | 80A4 | NMRV-P63 | 56C |
| 70 | 3.2 | 551 | 25 | 1784 | 868 | NMRV-P75 | 80A4 | NMRV-P75 | 56C |
| 58 | 1.3 | 592 | 30 | 740 | 598 | NMRV050 | 80A4 | NMRV050 | 56C |
| 58 | 2.2 | 615 | 30 | 1345 | 781 | NMRV-P63 | 80A4 | NMRV-P63 | 56C |
| 58 | 3.2 | 631 | 30 | 2027 | 922 | NMRV-P75 | 80A4 | NMRV-P75 | 56C |
| 44 | 1.6 | 779 | 40 | 1261 | 860 | NMRV-P63 | 80A4 | NMRV-P63 | 56C |
| 44 | 2.5 | 800 | 40 | 2029 | 1015 | NMRV-P75 | 80A4 | NMRV-P75 | 56C |
| 44 | 4.0 | 830 | 40 | 3329 | 1123 | NMRV-P90 | 80A4 | NMRV-P90 | 56C |
| 35 | 1.3 | 919 | 50 | 1207 | 926 | NMRV-P63 | 80A4 | NMRV-P63 | 56C |
| 35 | 2.0 | 960 | 50 | 1880 | 1093 | NMRV-P75 | 80A4 | NMRV-P75 | 56C |
| 35 | 3.2 | 997 | 50 | 3144 | 1210 | NMRV-P90 | 80A4 | NMRV-P90 | 56C |
| 29 | 1.1 | 1042 | 60 | 1135 | 984 | NMRV-P63 | 80A4 | NMRV-P63 | 56C |
| 29 | 1.6 | 1091 | 60 | 1778 | 1162 | NMRV-P75 | 80A4 | NMRV-P75 | 56C |
| 29 | 2.6 | 1152 | 60 | 2959 | 1286 | NMRV-P90 | 80A4 | NMRV-P90 | 56C |
| 22 | 1.2 | 1346 | 80 | 1632 | 1279 | NMRV-P75 | 80A4 | NMRV-P75 | 56C |
| 22 | 1.7 | 1410 | 80 | 2396 | 1415 | NMRV-P90 | 80A4 | NMRV-P90 | 56C |
| 18 | 1.0 | 1547 | 100 | 1517 | 1378 | NMRV-P75 | 80A4 | NMRV-P75 | 56C |
| 18 | 1.4 | 1655 | 100 | 2270 | 1524 | NMRV-P90 | 80A4 | NMRV-P90 | 56C |

1 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 350 | 1.9 | 160 | 5 | 303 | 240 | - | - | NMRV040 | 56C |
| 350 | 3.6 | 160 | 5 | 572 | 329 | NMRV050 | 80B4 | NMRV050 | 56C |
| 233 | 1.5 | 235 | 7.5 | 353 | 274 | - | - | NMRV040 | 56C |
| 233 | 2.7 | 238 | 7.5 | 647 | 377 | NMRV050 | 80B4 | NMRV050 | 56C |

1 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|-----------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 233 | 4.5 | 241 | 7.5 | 1076 | 492 | NMRV-P63 | 80B4 | NMRV-P63 | 56C / 143/145TC |
| 175 | 1.2 | 306 | 10 | 370 | 302 | - | - | NMRV040 | 56C |
| 175 | 2.1 | 313 | 10 | 664 | 414 | NMRV050 | 80B4 | NMRV050 | 56C |
| 175 | 3.5 | 315 | 10 | 1108 | 542 | NMRV-P63 | 80B4 | NMRV-P63 | 56C / 143/145TC |
| 117 | 1.5 | 448 | 15 | 681 | 474 | NMRV050 | 80B4 | NMRV050 | 56C |
| 117 | 2.7 | 457 | 15 | 1236 | 620 | NMRV-P63 | 80B4 | NMRV-P63 | 56C / 143/145TC |
| 88 | 1.1 | 576 | 20 | 656 | 522 | NMRV050 | 80B4 | NMRV050 | 56C |
| 88 | 2.1 | 595 | 20 | 1224 | 683 | NMRV-P63 | 80B4 | NMRV-P63 | 56C / 143/145TC |
| 88 | 3.2 | 602 | 20 | 1953 | 806 | NMRV-P75 | 80B4 | NMRV-P75 | 56C / 143/145TC |
| 70 | 1.6 | 719 | 25 | 1123 | 735 | NMRV-P63 | 80B4 | NMRV-P63 | 56C / 143/145TC |
| 70 | 2.4 | 735 | 25 | 1784 | 868 | NMRV-P75 | 80B4 | NMRV-P75 | 56C / 143/145TC |
| 58 | 1.6 | 819 | 30 | 1345 | 781 | NMRV-P63 | 80B4 | NMRV-P63 | 56C / 143/145TC |
| 58 | 2.4 | 841 | 30 | 2027 | 922 | NMRV-P75 | 80B4 | NMRV-P75 | 56C / 143/145TC |
| 44 | 1.2 | 1038 | 40 | 1261 | 860 | NMRV-P63 | 80B4 | NMRV-P63 | 56C / 143/145TC |
| 44 | 1.9 | 1067 | 40 | 2029 | 1015 | NMRV-P75 | 80B4 | NMRV-P75 | 56C / 143/145TC |
| 44 | 3.0 | 1107 | 40 | 3329 | 1123 | NMRV-P90 | 80B4 | NMRV-P90 | 56C / 143/145TC |
| 35 | 1.0 | 1225 | 50 | 1207 | 926 | NMRV-P63 | 80B4 | NMRV-P63 | 56C / 143/145TC |
| 35 | 1.5 | 1280 | 50 | 1880 | 1093 | NMRV-P75 | 80B4 | NMRV-P75 | 56C / 143/145TC |
| 35 | 2.4 | 1330 | 50 | 3144 | 1210 | NMRV-P90 | 80B4 | NMRV-P90 | 56C / 143/145TC |
| 35 | 4.0 | 1384 | 50 | 5548 | 1529 | NMRV-P110 | 80B4 | NMRV-P110 | 143/145TC |
| 29 | 1.2 | 1454 | 60 | 1778 | 1162 | NMRV-P75 | 80B4 | NMRV-P75 | 56C / 143/145TC |
| 29 | 1.9 | 1535 | 60 | 2959 | 1286 | NMRV-P90 | 80B4 | NMRV-P90 | 56C / 143/145TC |
| 29 | 3.2 | 1617 | 60 | 5178 | 1625 | NMRV-P110 | 80B4 | NMRV-P110 | 143/145TC |
| 22 | 1.3 | 1881 | 80 | 2396 | 1415 | NMRV-P90 | 80B4 | NMRV-P90 | 56C / 143/145TC |
| 22 | 2.2 | 1996 | 80 | 4329 | 1788 | NMRV-P110 | 80B4 | NMRV-P110 | 143/145TC |
| 22 | 3.6 | 1988 | 80 | 7061 | 2339 | - | - | NMRV130 | 143/145TC |
| 18 | 1.0 | 2207 | 100 | 2270 | 1524 | NMRV-P90 | 80B4 | NMRV-P90 | 56C / 143/145TC |
| 18 | 1.7 | 2351 | 100 | 4060 | 1926 | NMRV-P110 | 80B4 | NMRV-P110 | 143/145TC |
| 18 | 2.7 | 2341 | 100 | 6220 | 2519 | - | - | NMRV130 | 143/145TC |

1.5 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|-----------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 350 | 1.3 | 240 | 5 | 303 | 240 | - | - | NMRV040 | 56C |
| 350 | 2.4 | 240 | 5 | 572 | 329 | - | - | NMRV050 | 56C |
| 233 | 1.0 | 353 | 7.5 | 353 | 274 | - | - | NMRV040 | 56C |
| 233 | 1.8 | 357 | 7.5 | 647 | 377 | - | - | NMRV050 | 56C |
| 233 | 3.0 | 362 | 7.5 | 1076 | 492 | NMRV-P63 | 90S4 | NMRV-P63 | 56C / 143/145TC |
| 175 | 1.4 | 470 | 10 | 664 | 414 | - | - | NMRV050 | 56C |
| 175 | 2.3 | 472 | 10 | 1108 | 542 | NMRV-P63 | 90S4 | NMRV-P63 | 56C / 143/145TC |
| 175 | 3.5 | 478 | 10 | 1656 | 639 | NMRV-P75 | 90S4 | NMRV-P75 | 56C / 143/145TC |
| 117 | 1.0 | 673 | 15 | 681 | 474 | - | - | NMRV050 | 56C |
| 117 | 1.8 | 686 | 15 | 1236 | 620 | NMRV-P63 | 90S4 | NMRV-P63 | 56C / 143/145TC |
| 117 | 2.7 | 700 | 15 | 1900 | 732 | NMRV-P75 | 90S4 | NMRV-P75 | 56C / 143/145TC |
| 88 | 1.4 | 893 | 20 | 1224 | 683 | NMRV-P63 | 90S4 | NMRV-P63 | 56C / 143/145TC |
| 88 | 2.2 | 903 | 20 | 1953 | 806 | NMRV-P75 | 90S4 | NMRV-P75 | 56C / 143/145TC |
| 88 | 3.6 | 925 | 20 | 3287 | 891 | NMRV-P90 | 90S4 | NMRV-P90 | 56C / 143/145TC |
| 70 | 1.0 | 1078 | 25 | 1123 | 735 | NMRV-P63 | 90S4 | NMRV-P63 | 56C / 143/145TC |
| 70 | 1.6 | 1102 | 25 | 1784 | 868 | NMRV-P75 | 90S4 | NMRV-P75 | 56C / 143/145TC |
| 70 | 2.8 | 1129 | 25 | 3144 | 960 | NMRV-P90 | 90S4 | NMRV-P90 | 56C / 143/145TC |
| 58 | 1.1 | 1229 | 30 | 1345 | 781 | NMRV-P63 | 90S4 | NMRV-P63 | 56C / 143/145TC |
| 58 | 1.6 | 1262 | 30 | 2027 | 922 | NMRV-P75 | 90S4 | NMRV-P75 | 56C / 143/145TC |

1.5 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|-----------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 58 | 2.8 | 1294 | 30 | 3631 | 1020 | NMRV-P90 | 90S4 | NMRV-P90 | 56C / 143/145TC |
| 44 | 1.3 | 1600 | 40 | 2029 | 1015 | NMRV-P75 | 90S4 | NMRV-P75 | 56C / 143/145TC |
| 44 | 2.0 | 1660 | 40 | 3329 | 1123 | NMRV-P90 | 90S4 | NMRV-P90 | 56C / 143/145TC |
| 44 | 3.4 | 1725 | 40 | 5901 | 1419 | NMRV-P110 | 90S4 | NMRV-P110 | 143/145TC |
| 35 | 1.0 | 1919 | 50 | 1880 | 1093 | NMRV-P75 | 90S4 | NMRV-P75 | 56C / 143/145TC |
| 35 | 1.6 | 1994 | 50 | 3144 | 1210 | NMRV-P90 | 90S4 | NMRV-P90 | 56C / 143/145TC |
| 35 | 2.7 | 2076 | 50 | 5548 | 1529 | NMRV-P110 | 90S4 | NMRV-P110 | 143/145TC |
| 29 | 1.3 | 2303 | 60 | 2959 | 1286 | NMRV-P90 | 90S4 | NMRV-P90 | 56C / 143/145TC |
| 29 | 2.1 | 2426 | 60 | 5178 | 1625 | NMRV-P110 | 90S4 | NMRV-P110 | 143/145TC |
| 22 | 1.4 | 2994 | 80 | 4329 | 1788 | NMRV-P110 | 90S4 | NMRV-P110 | 143/145TC |
| 22 | 2.4 | 2983 | 80 | 7061 | 2339 | NMRV130 | 90S4 | NMRV130 | 143/145TC |
| 18 | 1.2 | 3526 | 100 | 4060 | 1926 | NMRV-P110 | 90S4 | NMRV-P110 | 143/145TC |
| 18 | 1.8 | 3512 | 100 | 6220 | 2519 | NMRV130 | 90S4 | NMRV130 | 143/145TC |

2 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 233 | 2.2 | 483 | 7.5 | 1076 | 492 | NMRV-P63 | 90L4 | NMRV-P63 | 143/145TC |
| 233 | 3.2 | 483 | 7.5 | 1555 | 581 | NMRV-P75 | 90L4 | NMRV-P75 | 143/145TC |
| 175 | 1.8 | 630 | 10 | 1108 | 542 | NMRV-P63 | 90L4 | NMRV-P63 | 143/145TC |
| 175 | 2.6 | 637 | 10 | 1656 | 639 | NMRV-P75 | 90L4 | NMRV-P75 | 143/145TC |
| 117 | 1.4 | 914 | 15 | 1236 | 620 | NMRV-P63 | 90L4 | NMRV-P63 | 143/145TC |
| 117 | 2.0 | 934 | 15 | 1900 | 732 | NMRV-P75 | 90L4 | NMRV-P75 | 143/145TC |
| 117 | 3.5 | 944 | 15 | 3329 | 810 | NMRV-P90 | 90L4 | NMRV-P90 | 143/145TC |
| 88 | 1.0 | 1190 | 20 | 1224 | 683 | NMRV-P63 | 90L4 | NMRV-P63 | 143/145TC |
| 88 | 1.6 | 1205 | 20 | 1953 | 806 | NMRV-P75 | 90L4 | NMRV-P75 | 143/145TC |
| 88 | 2.7 | 1233 | 20 | 3287 | 891 | NMRV-P90 | 90L4 | NMRV-P90 | 143/145TC |
| 70 | 1.2 | 1470 | 25 | 1784 | 868 | NMRV-P75 | 90L4 | NMRV-P75 | 143/145TC |
| 70 | 2.1 | 1506 | 25 | 3144 | 960 | NMRV-P90 | 90L4 | NMRV-P90 | 143/145TC |
| 70 | 3.7 | 1542 | 25 | 5707 | 1213 | NMRV-P110 | 90L4 | NMRV-P110 | 143/145TC |
| 58 | 1.2 | 1682 | 30 | 2027 | 922 | NMRV-P75 | 90L4 | NMRV-P75 | 143/145TC |
| 58 | 2.1 | 1725 | 30 | 3631 | 1020 | NMRV-P90 | 90L4 | NMRV-P90 | 143/145TC |
| 58 | 3.5 | 1747 | 30 | 6094 | 1289 | NMRV-P110 | 90L4 | NMRV-P110 | 143/145TC |
| 44 | 1.0 | 2134 | 40 | 2029 | 1015 | NMRV-P75 | 90L4 | NMRV-P75 | 143/145TC |
| 44 | 1.5 | 2214 | 40 | 3329 | 1123 | NMRV-P90 | 90L4 | NMRV-P90 | 143/145TC |
| 44 | 2.6 | 2300 | 40 | 5901 | 1419 | NMRV-P110 | 90L4 | NMRV-P110 | 143/145TC |
| 35 | 1.2 | 2659 | 50 | 3144 | 1210 | NMRV-P90 | 90L4 | NMRV-P90 | 143/145TC |
| 35 | 2.0 | 2767 | 50 | 5548 | 1529 | NMRV-P110 | 90L4 | NMRV-P110 | 143/145TC |
| 29 | 1.0 | 3071 | 60 | 2959 | 1286 | NMRV-P90 | 90L4 | NMRV-P90 | 143/145TC |
| 29 | 1.6 | 3234 | 60 | 5178 | 1625 | NMRV-P110 | 90L4 | NMRV-P110 | 143/145TC |
| 22 | 1.1 | 3992 | 80 | 4329 | 1788 | NMRV-P110 | 90L4 | NMRV-P110 | 143/145TC |
| 22 | 1.8 | 3977 | 80 | 7061 | 2339 | NMRV130 | 90L4 | NMRV130 | 143/145TC |
| 18 | 1.3 | 4683 | 100 | 6220 | 2519 | NMRV130 | 90L4 | NMRV130 | 143/145TC |

3 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|--------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 233 | 2.1 | 724 | 7.5 | 1555 | 581 | NMRV-P75 | 100LA4 | NMRV-P75 | 182/184TC |
| 233 | 3.7 | 733 | 7.5 | 2681 | 643 | NMRV-P90 | 100LA4 | NMRV-P90 | 182/184TC |

3 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|--------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 175 | 1.7 | 955 | 10 | 1656 | 639 | NMRV-P75 | 100LA4 | NMRV-P75 | 182/184TC |
| 175 | 3.0 | 964 | 10 | 2866 | 708 | NMRV-P90 | 100LA4 | NMRV-P90 | 182/184TC |
| 117 | 1.4 | 1400 | 15 | 1900 | 732 | NMRV-P75 | 100LA4 | NMRV-P75 | 182/184TC |
| 117 | 2.4 | 1417 | 15 | 3329 | 810 | NMRV-P90 | 100LA4 | NMRV-P90 | 182/184TC |
| 117 | 3.9 | 1420 | 15 | 5514 | 1023 | NMRV-P110 | 100LA4 | NMRV-P110 | 182/184TC |
| 88 | 1.1 | 1807 | 20 | 1953 | 806 | NMRV-P75 | 100LA4 | NMRV-P75 | 182/184TC |
| 88 | 1.8 | 1850 | 20 | 3287 | 891 | NMRV-P90 | 100LA4 | NMRV-P90 | 182/184TC |
| 88 | 2.9 | 1872 | 20 | 5413 | 1126 | NMRV-P110 | 100LA4 | NMRV-P110 | 182/184TC |
| 70 | 1.4 | 2259 | 25 | 3144 | 960 | NMRV-P90 | 100LA4 | NMRV-P90 | 182/184TC |
| 70 | 2.5 | 2313 | 25 | 5707 | 1213 | NMRV-P110 | 100LA4 | NMRV-P110 | 182/184TC |
| 58 | 1.4 | 2588 | 30 | 3631 | 1020 | NMRV-P90 | 100LA4 | NMRV-P90 | 182/184TC |
| 58 | 2.3 | 2620 | 30 | 6094 | 1289 | NMRV-P110 | 100LA4 | NMRV-P110 | 182/184TC |
| 58 | 3.3 | 2626 | 30 | 8742 | 379 | NMRV130 | 100LA4 | NMRV130 | 182/184TC |
| 44 | 1.0 | 3321 | 40 | 3329 | 1123 | NMRV-P90 | 100LA4 | NMRV-P90 | 182/184TC |
| 44 | 1.7 | 3450 | 40 | 5901 | 1419 | NMRV-P110 | 100LA4 | NMRV-P110 | 182/184TC |
| 44 | 2.6 | 3415 | 40 | 8826 | 1856 | NMRV130 | 100LA4 | NMRV130 | 182/184TC |
| 44 | 3.8 | 3415 | 40 | 13029 | 2538 | - | - | NMRV150 | 182/184TC |
| 35 | 1.3 | 4151 | 50 | 5548 | 1529 | NMRV-P110 | 100LA4 | NMRV-P110 | 182/184TC |
| 35 | 2.0 | 4106 | 50 | 8238 | 2000 | NMRV130 | 100LA4 | NMRV130 | 182/184TC |
| 35 | 2.8 | 4160 | 50 | 11768 | 2734 | NMRV150 | 100LA4 | NMRV150 | 182/184TC |
| 29 | 1.1 | 4852 | 60 | 5178 | 1625 | NMRV-P110 | 100LA4 | NMRV-P110 | 182/184TC |
| 29 | 1.6 | 4733 | 60 | 7565 | 2125 | NMRV130 | 100LA4 | NMRV130 | 182/184TC |
| 29 | 2.2 | 4798 | 60 | 10591 | 2905 | NMRV150 | 100LA4 | NMRV150 | 182/184TC |
| 22 | 1.2 | 5965 | 80 | 7061 | 2339 | NMRV130 | 100LA4 | NMRV130 | 182/184TC |
| 22 | 1.6 | 5965 | 80 | 9667 | 3197 | NMRV150 | 100LA4 | NMRV150 | 182/184TC |
| 18 | 1.2 | 7024 | 100 | 8406 | 3444 | NMRV150 | 100LA4 | NMRV150 | 182/184TC |

5 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 233 | 1.3 | 1207 | 7.5 | 1555 | 581 | NMRV-P75 | 112M4 | NMRV-P75 | 182/184TC |
| 233 | 2.2 | 1221 | 7.5 | 2681 | 643 | NMRV-P90 | 112M4 | NMRV-P90 | 182/184TC |
| 233 | 3.8 | 1221 | 7.5 | 4640 | 812 | NMRV-P110 | 112M4 | NMRV-P110 | 182/184TC |
| 175 | 1.0 | 1592 | 10 | 1656 | 639 | NMRV-P75 | 112M4 | NMRV-P75 | 182/184TC |
| 175 | 1.8 | 1606 | 10 | 2866 | 708 | NMRV-P90 | 112M4 | NMRV-P90 | 182/184TC |
| 175 | 3.1 | 1610 | 10 | 5027 | 894 | NMRV-P110 | 112M4 | NMRV-P110 | 182/184TC |
| 117 | 1.4 | 2361 | 15 | 3329 | 810 | NMRV-P90 | 112M4 | NMRV-P90 | 182/184TC |
| 117 | 2.3 | 2367 | 15 | 5514 | 1023 | NMRV-P110 | 112M4 | NMRV-P110 | 182/184TC |
| 88 | 1.1 | 3084 | 20 | 3287 | 891 | NMRV-P90 | 112M4 | NMRV-P90 | 182/184TC |
| 88 | 1.7 | 3120 | 20 | 5413 | 1126 | NMRV-P110 | 112M4 | NMRV-P110 | 182/184TC |
| 70 | 1.5 | 3855 | 25 | 5707 | 1213 | NMRV-P110 | 112M4 | NMRV-P110 | 182/184TC |
| 70 | 1.5 | 3855 | 25 | 5707 | 1213 | NMRV-P110 | 112M4 | NMRV-P110 | 182/184TC |
| 58 | 1.4 | 4367 | 30 | 6094 | 1289 | NMRV-P110 | 112M4 | NMRV-P110 | 182/184TC |
| 58 | 2.0 | 4377 | 30 | 8742 | 1686 | NMRV130 | 112M4 | NMRV130 | 182/184TC |
| 58 | 2.2 | 4539 | 30 | 10087 | 2306 | - | - | NMRV150 | 182/184TC |
| 44 | 1.0 | 5751 | 40 | 5901 | 1419 | NMRV-P110 | 112M4 | NMRV-P110 | 182/184TC |
| 44 | 1.6 | 5691 | 40 | 8826 | 1856 | NMRV130 | 112M4 | NMRV130 | 182/184TC |
| 44 | 2.3 | 5691 | 40 | 13029 | 2538 | - | - | NMRV150 | 182/184TC |
| 35 | 1.2 | 6844 | 50 | 8238 | 2000 | NMRV130 | 112M4 | NMRV130 | 182/184TC |
| 35 | 1.7 | 6934 | 50 | 11768 | 2734 | NMRV150 | 112M4 | NMRV150 | 182/184TC |
| 29 | 1.3 | 7997 | 60 | 10591 | 2905 | NMRV150 | 112M4 | NMRV150 | 182/184TC |

7.5 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 233 | 3.4 | 1844 | 7.5 | 6304 | 1062 | NMRV130 | 132S4 | NMRV130 | 213/215TC |
| 175 | 2.9 | 2404 | 10 | 6893 | 1169 | NMRV130 | 132S4 | NMRV130 | 213/215TC |
| 117 | 2.2 | 3526 | 15 | 7733 | 1339 | NMRV130 | 132S4 | NMRV130 | 213/215TC |
| 117 | 2.9 | 3566 | 15 | 10507 | 1830 | - | - | NMRV150 | 213/215TC |
| 88 | 1.6 | 4701 | 20 | 7649 | 1473 | NMRV130 | 132S4 | NMRV130 | 213/215TC |
| 88 | 2.3 | 4701 | 20 | 10927 | 2014 | NMRV150 | 132S4 | NMRV150 | 213/215TC |
| 70 | 1.4 | 5741 | 25 | 7817 | 1587 | NMRV130 | 132S4 | NMRV130 | 213/215TC |
| 70 | 1.8 | 5741 | 25 | 10087 | 2170 | NMRV150 | 132S4 | NMRV150 | 213/215TC |
| 58 | 1.3 | 6565 | 30 | 8742 | 1686 | NMRV130 | 132S4 | NMRV130 | 213/215TC |
| 58 | 1.5 | 6808 | 30 | 10087 | 2306 | NMRV150 | 132S4 | NMRV150 | 213/215TC |
| 44 | 1.0 | 8537 | 40 | 8826 | 1856 | NMRV130 | 132S4 | NMRV130 | 213/215TC |
| 44 | 1.5 | 8537 | 40 | 13029 | 2538 | NMRV150 | 132S4 | NMRV150 | 213/215TC |

10 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 233 | 2.6 | 2458 | 7.5 | 6304 | 1062 | NMRV130 | 132L4 | NMRV130 | 213/215TC |
| 175 | 2.2 | 3206 | 10 | 6893 | 1169 | NMRV130 | 132L4 | NMRV130 | 213/215TC |
| 117 | 1.6 | 4701 | 15 | 7733 | 1339 | NMRV130 | 132L4 | NMRV130 | 213/215TC |
| 117 | 2.2 | 4755 | 15 | 10507 | 1830 | NMRV150 | 132L4 | NMRV150 | 213/215TC |
| 88 | 1.2 | 6268 | 20 | 7649 | 1473 | NMRV130 | 132L4 | NMRV130 | 213/215TC |
| 88 | 1.7 | 6268 | 20 | 10927 | 2014 | NMRV150 | 132L4 | NMRV150 | 213/215TC |
| 70 | 1.0 | 7654 | 25 | 7817 | 1587 | NMRV130 | 132L4 | NMRV130 | 213/215TC |
| 70 | 1.3 | 7654 | 25 | 10087 | 2170 | NMRV150 | 132L4 | NMRV150 | 213/215TC |
| 58 | 1.0 | 8753 | 30 | 8742 | 1686 | NMRV130 | 132L4 | NMRV130 | 213/215TC |
| 58 | 1.1 | 9077 | 30 | 10087 | 2306 | NMRV150 | 132L4 | NMRV150 | 213/215TC |
| 44 | 1.1 | 11383 | 40 | 13029 | 2538 | NMRV150 | 132L4 | NMRV150 | 213/215TC |

15 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 233 | 2.7 | 3688 | 7.5 | 10087 | 1452 | - | - | NMRV150 | 254/256TC |
| 175 | 2.1 | 4863 | 10 | 10423 | 1599 | - | - | NMRV150 | 254/256TC |
| 117 | 1.5 | 7132 | 15 | 10507 | 1830 | - | - | NMRV150 | 254/256TC |
| 88 | 1.2 | 9401 | 20 | 10927 | 2014 | - | - | NMRV150 | 254/256TC |

20 HP

| Output speed RPM | Service factor sf | Output torque in-lbs | Exact ratio i | Max. torque in-lbs | OHL Output shaft lbs | Gearmotor | | Gear Reducer | |
|---------------------|----------------------|-------------------------|------------------|-----------------------|----------------------------|-----------|-------|--------------|--------------|
| | | | | | | Reducer | Motor | Reducer | NEMA C-input |
| 233 | 2.1 | 4917 | 7.5 | 10087 | 1452 | - | - | NMRV150 | 254/256TC |
| 175 | 1.6 | 6484 | 10 | 10423 | 1599 | - | - | NMRV150 | 254/256TC |
| 117 | 1.1 | 9509 | 15 | 10507 | 1830 | - | - | NMRV150 | 254/256TC |

Worm Gear Reducer Ratings - Input Speed 3500 rpm

| Maximum Torque in-lbs | Output Speed RPM | Exact Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 67 | 700 | 5 | 0.84 | 73 | - | NMRV025 | - |
| 67 | 467 | 7.5 | 0.57 | 83 | - | NMRV025 | - |
| 76 | 350 | 10 | 0.49 | 92 | - | NMRV025 | - |
| 76 | 233 | 15 | 0.34 | 105 | - | NMRV025 | - |
| 76 | 175 | 20 | 0.27 | 115 | - | NMRV025 | - |
| 76 | 117 | 30 | 0.19 | 132 | - | NMRV025 | - |
| 76 | 88 | 40 | 0.15 | 145 | - | NMRV025 | - |
| 76 | 70 | 50 | 0.13 | 157 | - | NMRV025 | - |
| 67 | 58 | 60 | 0.10 | 167 | - | NMRV025 | - |
| 101 | 700 | 5 | 1.26 | 99 | 24 | NMRV030 | NRV030 |
| 109 | 467 | 7.5 | 0.93 | 113 | 26 | NMRV030 | NRV030 |
| 109 | 350 | 10 | 0.71 | 125 | 29 | NMRV030 | NRV030 |
| 109 | 233 | 15 | 0.49 | 143 | 29 | NMRV030 | NRV030 |
| 101 | 175 | 20 | 0.35 | 157 | 30 | NMRV030 | NRV030 |
| 134 | 140 | 25 | 0.40 | 169 | 44 | NMRV030 | NRV030 |
| 126 | 117 | 30 | 0.32 | 180 | 44 | NMRV030 | NRV030 |
| 118 | 88 | 40 | 0.24 | 198 | 27 | NMRV030 | NRV030 |
| 109 | 70 | 50 | 0.19 | 213 | 27 | NMRV030 | NRV030 |
| 101 | 58 | 60 | 0.16 | 226 | 26 | NMRV030 | NRV030 |
| 92 | 44 | 80 | 0.12 | 249 | 27 | NMRV030 | NRV030 |
| 202 | 700 | 5 | 2.49 | 190 | 42 | NMRV040 | NRV040 |
| 235 | 467 | 7.5 | 1.96 | 218 | 49 | NMRV040 | NRV040 |
| 244 | 350 | 10 | 1.54 | 240 | 57 | NMRV040 | NRV040 |
| 261 | 233 | 15 | 1.14 | 274 | 61 | NMRV040 | NRV040 |
| 244 | 175 | 20 | 0.82 | 302 | 43 | NMRV040 | NRV040 |
| 235 | 140 | 25 | 0.65 | 325 | 49 | NMRV040 | NRV040 |
| 286 | 117 | 30 | 0.69 | 346 | 73 | NMRV040 | NRV040 |
| 261 | 88 | 40 | 0.50 | 380 | 79 | NMRV040 | NRV040 |
| 252 | 70 | 50 | 0.41 | 410 | 79 | NMRV040 | NRV040 |
| 235 | 58 | 60 | 0.33 | 435 | 79 | NMRV040 | NRV040 |
| 210 | 44 | 80 | 0.24 | 479 | 79 | NMRV040 | NRV040 |
| 193 | 35 | 100 | 0.20 | 516 | 79 | NMRV040 | NRV040 |
| 378 | 700 | 5 | 4.62 | 261 | 58 | NMRV050 | NRV050 |
| 437 | 467 | 7.5 | 3.60 | 299 | 68 | NMRV050 | NRV050 |
| 454 | 350 | 10 | 2.83 | 329 | 79 | NMRV050 | NRV050 |
| 479 | 233 | 15 | 2.06 | 377 | 83 | NMRV050 | NRV050 |
| 446 | 175 | 20 | 1.49 | 414 | 87 | NMRV050 | NRV050 |
| 429 | 140 | 25 | 1.18 | 446 | 101 | NMRV050 | NRV050 |
| 538 | 117 | 30 | 1.29 | 474 | 102 | NMRV050 | NRV050 |
| 496 | 88 | 40 | 0.93 | 522 | 110 | NMRV050 | NRV050 |
| 446 | 70 | 50 | 0.71 | 562 | 110 | NMRV050 | NRV050 |
| 420 | 58 | 60 | 0.58 | 598 | 110 | NMRV050 | NRV050 |
| 378 | 44 | 80 | 0.42 | 658 | 110 | NMRV050 | NRV050 |
| 336 | 35 | 100 | 0.33 | 709 | 110 | NMRV050 | NRV050 |
| 793 | 467 | 7.5 | 6.39 | 391 | 89 | NMRV-P063 | NRV-P063 |
| 838 | 350 | 10 | 5.11 | 430 | 105 | NMRV-P063 | NRV-P063 |
| 885 | 233 | 15 | 3.68 | 492 | 111 | NMRV-P063 | NRV-P063 |
| 841 | 175 | 20 | 2.68 | 542 | 119 | NMRV-P063 | NRV-P063 |
| 773 | 140 | 25 | 2.02 | 584 | 131 | NMRV-P063 | NRV-P063 |
| 1009 | 117 | 30 | 2.28 | 620 | 157 | NMRV-P063 | NRV-P063 |
| 922 | 88 | 40 | 1.62 | 683 | 157 | NMRV-P063 | NRV-P063 |
| 849 | 70 | 50 | 1.26 | 735 | 157 | NMRV-P063 | NRV-P063 |
| 803 | 58 | 60 | 1.03 | 781 | 157 | NMRV-P063 | NRV-P063 |
| 714 | 44 | 80 | 0.74 | 860 | 157 | NMRV-P063 | NRV-P063 |
| 641 | 35 | 100 | 0.58 | 926 | 157 | NMRV-P063 | NRV-P063 |

| Maximum Torque in-lbs | Output Speed RPM | Exact Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1130 | 467 | 7.5 | 9.10 | 461 | 126 | NMRV-P075 | NRV-P075 |
| 1283 | 350 | 10 | 7.83 | 508 | 161 | NMRV-P075 | NRV-P075 |
| 1348 | 233 | 15 | 5.61 | 581 | 169 | NMRV-P075 | NRV-P075 |
| 1356 | 175 | 20 | 4.31 | 639 | 191 | NMRV-P075 | NRV-P075 |
| 1261 | 140 | 25 | 3.26 | 689 | 220 | NMRV-P075 | NRV-P075 |
| 1524 | 117 | 30 | 3.40 | 732 | 220 | NMRV-P075 | NRV-P075 |
| 1456 | 88 | 40 | 2.53 | 806 | 220 | NMRV-P075 | NRV-P075 |
| 1314 | 70 | 50 | 1.88 | 868 | 220 | NMRV-P075 | NRV-P075 |
| 1260 | 58 | 60 | 1.57 | 922 | 220 | NMRV-P075 | NRV-P075 |
| 1118 | 44 | 80 | 1.12 | 1015 | 220 | NMRV-P075 | NRV-P075 |
| 1037 | 35 | 100 | 0.89 | 1093 | 220 | NMRV-P075 | NRV-P075 |
| 1765 | 467 | 7.5 | 14.06 | 510 | 161 | NMRV-P090 | NRV-P090 |
| 1975 | 350 | 10 | 11.92 | 562 | 202 | NMRV-P090 | NRV-P090 |
| 2270 | 233 | 15 | 9.24 | 643 | 232 | NMRV-P090 | NRV-P090 |
| 2185 | 175 | 20 | 6.74 | 708 | 252 | NMRV-P090 | NRV-P090 |
| 2101 | 140 | 25 | 5.30 | 762 | 285 | NMRV-P090 | NRV-P090 |
| 2606 | 117 | 30 | 5.68 | 810 | 285 | NMRV-P090 | NRV-P090 |
| 2312 | 88 | 40 | 3.87 | 891 | 285 | NMRV-P090 | NRV-P090 |
| 2228 | 70 | 50 | 3.09 | 960 | 285 | NMRV-P090 | NRV-P090 |
| 2059 | 58 | 60 | 2.44 | 1020 | 285 | NMRV-P090 | NRV-P090 |
| 1891 | 44 | 80 | 1.82 | 1123 | 285 | NMRV-P090 | NRV-P090 |
| 1681 | 35 | 100 | 1.35 | 1210 | 285 | NMRV-P090 | NRV-P090 |
| 3287 | 467 | 7.5 | 26.18 | 645 | 213 | NMRV-P110 | NRV-P110 |
| 3673 | 350 | 10 | 22.18 | 710 | 268 | NMRV-P110 | NRV-P110 |
| 4110 | 233 | 15 | 16.72 | 812 | 300 | NMRV-P110 | NRV-P110 |
| 4060 | 175 | 20 | 12.53 | 894 | 334 | NMRV-P110 | NRV-P110 |
| 4253 | 140 | 25 | 10.50 | 963 | 382 | NMRV-P110 | NRV-P110 |
| 4640 | 117 | 30 | 9.87 | 1023 | 382 | NMRV-P110 | NRV-P110 |
| 4447 | 88 | 40 | 7.18 | 1126 | 382 | NMRV-P110 | NRV-P110 |
| 4161 | 70 | 50 | 5.57 | 1213 | 382 | NMRV-P110 | NRV-P110 |
| 3976 | 58 | 60 | 4.49 | 1289 | 382 | NMRV-P110 | NRV-P110 |
| 3354 | 44 | 80 | 2.71 | 1419 | 382 | NMRV-P110 | NRV-P110 |
| 3093 | 35 | 100 | 2.35 | 1529 | 382 | NMRV-P110 | NRV-P110 |
| 4371 | 467 | 7.5 | 35.19 | 843 | 248 | NMRV130 | NRV130 |
| 4875 | 350 | 10 | 29.76 | 928 | 312 | NMRV130 | NRV130 |
| 5632 | 233 | 15 | 23.43 | 1062 | 360 | NMRV130 | NRV130 |
| 5548 | 175 | 20 | 17.31 | 1169 | 399 | NMRV130 | NRV130 |
| 5632 | 140 | 25 | 14.22 | 1260 | 438 | NMRV130 | NRV130 |
| 6472 | 117 | 30 | 14.10 | 1339 | 472 | NMRV130 | NRV130 |
| 6136 | 88 | 40 | 10.27 | 1473 | 472 | NMRV130 | NRV130 |
| 5884 | 70 | 50 | 8.07 | 1587 | 472 | NMRV130 | NRV130 |
| 5380 | 58 | 60 | 6.30 | 1686 | 472 | NMRV130 | NRV130 |
| 4959 | 44 | 80 | 4.65 | 1856 | 472 | NMRV130 | NRV130 |
| 4371 | 35 | 100 | 3.42 | 2000 | 472 | NMRV130 | NRV130 |
| 7061 | 467 | 7.5 | 56.84 | 1153 | 323 | NMRV150 | NRV150 |
| 7481 | 350 | 10 | 45.17 | 1269 | 385 | NMRV150 | NRV150 |
| 7649 | 233 | 15 | 31.47 | 1452 | 394 | NMRV150 | NRV150 |
| 8238 | 175 | 20 | 25.42 | 1599 | 477 | NMRV150 | NRV150 |
| 7481 | 140 | 25 | 18.89 | 1722 | 520 | NMRV150 | NRV150 |
| 7733 | 117 | 30 | 16.46 | 1830 | 584 | NMRV150 | NRV150 |
| 10087 | 88 | 40 | 16.68 | 2014 | 629 | NMRV150 | NRV150 |
| 9246 | 70 | 50 | 12.68 | 2170 | 629 | NMRV150 | NRV150 |
| 8322 | 58 | 60 | 9.75 | 2306 | 629 | NMRV150 | NRV150 |
| 7733 | 44 | 80 | 7.16 | 2538 | 629 | NMRV150 | NRV150 |
| 6809 | 35 | 100 | 5.25 | 2734 | 629 | NMRV150 | NRV150 |

Worm Gear Reducer Ratings - Input Speed 1750 rpm

| Maximum Torque in-lbs | Output Speed RPM | Exact Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 92 | 350 | 5 | 0.59 | 92 | - | NMRV025 | - |
| 92 | 233 | 7.5 | 0.40 | 105 | - | NMRV025 | - |
| 101 | 175 | 10 | 0.34 | 115 | - | NMRV025 | - |
| 101 | 117 | 15 | 0.24 | 132 | - | NMRV025 | - |
| 101 | 88 | 20 | 0.19 | 145 | - | NMRV025 | - |
| 109 | 58 | 30 | 0.15 | 167 | - | NMRV025 | - |
| 109 | 44 | 40 | 0.12 | 183 | - | NMRV025 | - |
| 92 | 35 | 50 | 0.09 | 197 | - | NMRV025 | - |
| 84 | 29 | 60 | 0.07 | 210 | - | NMRV025 | - |
| 160 | 350 | 5 | 1.02 | 125 | 31 | NMRV030 | NRV030 |
| 160 | 233 | 7.5 | 0.70 | 143 | 31 | NMRV030 | NRV030 |
| 160 | 175 | 10 | 0.53 | 157 | 35 | NMRV030 | NRV030 |
| 160 | 117 | 15 | 0.38 | 180 | 35 | NMRV030 | NRV030 |
| 151 | 88 | 20 | 0.28 | 198 | 38 | NMRV030 | NRV030 |
| 185 | 70 | 25 | 0.30 | 213 | 44 | NMRV030 | NRV030 |
| 177 | 58 | 30 | 0.25 | 226 | 44 | NMRV030 | NRV030 |
| 160 | 44 | 40 | 0.18 | 249 | 44 | NMRV030 | NRV030 |
| 151 | 35 | 50 | 0.15 | 268 | 44 | NMRV030 | NRV030 |
| 134 | 29 | 60 | 0.12 | 285 | 44 | NMRV030 | NRV030 |
| 109 | 22 | 80 | 0.08 | 314 | 44 | NMRV030 | NRV030 |
| 303 | 350 | 5 | 1.89 | 240 | 52 | NMRV040 | NRV040 |
| 353 | 233 | 7.5 | 1.50 | 274 | 61 | NMRV040 | NRV040 |
| 370 | 175 | 10 | 1.21 | 302 | 72 | NMRV040 | NRV040 |
| 370 | 117 | 15 | 0.83 | 346 | 72 | NMRV040 | NRV040 |
| 361 | 88 | 20 | 0.64 | 380 | 73 | NMRV040 | NRV040 |
| 328 | 70 | 25 | 0.48 | 410 | 73 | NMRV040 | NRV040 |
| 403 | 58 | 30 | 0.53 | 435 | 73 | NMRV040 | NRV040 |
| 378 | 44 | 40 | 0.40 | 479 | 73 | NMRV040 | NRV040 |
| 353 | 35 | 50 | 0.31 | 516 | 73 | NMRV040 | NRV040 |
| 328 | 29 | 60 | 0.26 | 549 | 73 | NMRV040 | NRV040 |
| 277 | 22 | 80 | 0.18 | 604 | 73 | NMRV040 | NRV040 |
| 244 | 18 | 100 | 0.14 | 651 | 73 | NMRV040 | NRV040 |
| 572 | 350 | 5 | 3.57 | 329 | 73 | NMRV050 | NRV050 |
| 647 | 233 | 7.5 | 2.72 | 377 | 83 | NMRV050 | NRV050 |
| 664 | 175 | 10 | 2.12 | 414 | 102 | NMRV050 | NRV050 |
| 681 | 117 | 15 | 1.52 | 474 | 102 | NMRV050 | NRV050 |
| 656 | 88 | 20 | 1.14 | 522 | 102 | NMRV050 | NRV050 |
| 597 | 70 | 25 | 0.86 | 562 | 102 | NMRV050 | NRV050 |
| 740 | 58 | 30 | 0.94 | 598 | 102 | NMRV050 | NRV050 |
| 689 | 44 | 40 | 0.70 | 658 | 102 | NMRV050 | NRV050 |
| 647 | 35 | 50 | 0.56 | 709 | 102 | NMRV050 | NRV050 |
| 605 | 29 | 60 | 0.47 | 753 | 102 | NMRV050 | NRV050 |
| 546 | 22 | 80 | 0.35 | 829 | 102 | NMRV050 | NRV050 |
| 462 | 18 | 100 | 0.26 | 893 | 102 | NMRV050 | NRV050 |
| 1076 | 233 | 7.5 | 4.46 | 492 | 112 | NMRV-P063 | NRV-P063 |
| 1108 | 175 | 10 | 3.52 | 542 | 130 | NMRV-P063 | NRV-P063 |
| 1236 | 117 | 15 | 2.70 | 620 | 145 | NMRV-P063 | NRV-P063 |
| 1224 | 88 | 20 | 2.06 | 683 | 157 | NMRV-P063 | NRV-P063 |
| 1123 | 70 | 25 | 1.56 | 735 | 157 | NMRV-P063 | NRV-P063 |
| 1345 | 58 | 30 | 1.64 | 781 | 157 | NMRV-P063 | NRV-P063 |
| 1261 | 44 | 40 | 1.21 | 860 | 157 | NMRV-P063 | NRV-P063 |
| 1207 | 35 | 50 | 0.99 | 926 | 157 | NMRV-P063 | NRV-P063 |
| 1135 | 29 | 60 | 0.82 | 984 | 157 | NMRV-P063 | NRV-P063 |
| 1026 | 22 | 80 | 0.60 | 1083 | 157 | NMRV-P063 | NRV-P063 |
| 992 | 18 | 100 | 0.51 | 1167 | 157 | NMRV-P063 | NRV-P063 |

| Maximum Torque in-lbs | Output Speed RPM | Exact Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1555 | 233 | 7.5 | 6.44 | 581 | 157 | NMRV-P075 | NRV-P075 |
| 1656 | 175 | 10 | 5.20 | 639 | 188 | NMRV-P075 | NRV-P075 |
| 1900 | 117 | 15 | 4.07 | 732 | 216 | NMRV-P075 | NRV-P075 |
| 1953 | 88 | 20 | 3.24 | 806 | 220 | NMRV-P075 | NRV-P075 |
| 1784 | 70 | 25 | 2.43 | 868 | 220 | NMRV-P075 | NRV-P075 |
| 2027 | 58 | 30 | 2.41 | 922 | 220 | NMRV-P075 | NRV-P075 |
| 2029 | 44 | 40 | 1.90 | 1015 | 220 | NMRV-P075 | NRV-P075 |
| 1880 | 35 | 50 | 1.47 | 1093 | 220 | NMRV-P075 | NRV-P075 |
| 1778 | 29 | 60 | 1.22 | 1162 | 220 | NMRV-P075 | NRV-P075 |
| 1632 | 22 | 80 | 0.91 | 1279 | 220 | NMRV-P075 | NRV-P075 |
| 1517 | 18 | 100 | 0.74 | 1378 | 220 | NMRV-P075 | NRV-P075 |
| 2681 | 233 | 7.5 | 10.98 | 643 | 202 | NMRV-P090 | NRV-P090 |
| 2866 | 175 | 10 | 8.92 | 708 | 243 | NMRV-P090 | NRV-P090 |
| 3329 | 117 | 15 | 7.05 | 810 | 283 | NMRV-P090 | NRV-P090 |
| 3287 | 88 | 20 | 5.33 | 891 | 285 | NMRV-P090 | NRV-P090 |
| 3144 | 70 | 25 | 4.18 | 960 | 285 | NMRV-P090 | NRV-P090 |
| 3631 | 58 | 30 | 4.21 | 1020 | 285 | NMRV-P090 | NRV-P090 |
| 3329 | 44 | 40 | 3.01 | 1123 | 285 | NMRV-P090 | NRV-P090 |
| 3144 | 35 | 50 | 2.36 | 1210 | 285 | NMRV-P090 | NRV-P090 |
| 2959 | 29 | 60 | 1.93 | 1286 | 285 | NMRV-P090 | NRV-P090 |
| 2396 | 22 | 80 | 1.27 | 1415 | 285 | NMRV-P090 | NRV-P090 |
| 2270 | 18 | 100 | 1.03 | 1524 | 285 | NMRV-P090 | NRV-P090 |
| 4640 | 233 | 7.5 | 19.00 | 812 | 270 | NMRV-P110 | NRV-P110 |
| 5027 | 175 | 10 | 15.61 | 894 | 329 | NMRV-P110 | NRV-P110 |
| 5514 | 117 | 15 | 11.65 | 1023 | 361 | NMRV-P110 | NRV-P110 |
| 5413 | 88 | 20 | 8.68 | 1126 | 382 | NMRV-P110 | NRV-P110 |
| 5707 | 70 | 25 | 7.40 | 1213 | 382 | NMRV-P110 | NRV-P110 |
| 6094 | 58 | 30 | 6.98 | 1289 | 382 | NMRV-P110 | NRV-P110 |
| 5901 | 44 | 40 | 5.13 | 1419 | 382 | NMRV-P110 | NRV-P110 |
| 5548 | 35 | 50 | 4.01 | 1529 | 382 | NMRV-P110 | NRV-P110 |
| 5178 | 29 | 60 | 3.20 | 1625 | 382 | NMRV-P110 | NRV-P110 |
| 4329 | 22 | 80 | 2.17 | 1788 | 382 | NMRV-P110 | NRV-P110 |
| 4060 | 18 | 100 | 1.73 | 1926 | 382 | NMRV-P110 | NRV-P110 |
| 6304 | 233 | 7.5 | 25.65 | 1062 | 313 | NMRV130 | NRV130 |
| 6893 | 175 | 10 | 21.51 | 1169 | 385 | NMRV130 | NRV130 |
| 7733 | 117 | 15 | 16.46 | 1339 | 432 | NMRV130 | NRV130 |
| 7649 | 88 | 20 | 12.21 | 1473 | 438 | NMRV130 | NRV130 |
| 7817 | 70 | 25 | 10.22 | 1587 | 438 | NMRV130 | NRV130 |
| 8742 | 58 | 30 | 9.99 | 1686 | 438 | NMRV130 | NRV130 |
| 8826 | 44 | 40 | 7.76 | 1856 | 438 | NMRV130 | NRV130 |
| 8238 | 35 | 50 | 6.02 | 2000 | 438 | NMRV130 | NRV130 |
| 7565 | 29 | 60 | 4.80 | 2125 | 438 | NMRV130 | NRV130 |
| 7061 | 22 | 80 | 3.55 | 2339 | 438 | NMRV130 | NRV130 |
| 6220 | 18 | 100 | 2.66 | 2519 | 438 | NMRV130 | NRV130 |
| 10087 | 233 | 7.5 | 41.05 | 1452 | 407 | NMRV150 | NRV150 |
| 10423 | 175 | 10 | 32.16 | 1599 | 473 | NMRV150 | NRV150 |
| 10507 | 117 | 15 | 22.11 | 1830 | 477 | NMRV150 | NRV150 |
| 10927 | 88 | 20 | 17.44 | 2014 | 558 | NMRV150 | NRV150 |
| 10087 | 70 | 25 | 13.18 | 2170 | 584 | NMRV150 | NRV150 |
| 10087 | 58 | 30 | 11.12 | 2306 | 584 | NMRV150 | NRV150 |
| 13029 | 44 | 40 | 11.45 | 2538 | 584 | NMRV150 | NRV150 |
| 11768 | 35 | 50 | 8.49 | 2734 | 584 | NMRV150 | NRV150 |
| 10591 | 29 | 60 | 6.62 | 2905 | 584 | NMRV150 | NRV150 |
| 9667 | 22 | 80 | 4.86 | 3197 | 584 | NMRV150 | NRV150 |
| 8406 | 18 | 100 | 3.59 | 3444 | 584 | NMRV150 | NRV150 |

Worm Gear Reducer Ratings - Input Speed 1140 rpm

| Maximum Torque in-lbs | Output Speed RPM | Exact Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 106 | 228 | 5 | 0.45 | 106 | - | NMRV025 | - |
| 106 | 152 | 7.5 | 0.30 | 121 | - | NMRV025 | - |
| 115 | 114 | 10 | 0.25 | 133 | - | NMRV025 | - |
| 115 | 76 | 15 | 0.18 | 152 | - | NMRV025 | - |
| 111 | 57 | 20 | 0.14 | 168 | - | NMRV025 | - |
| 124 | 38 | 30 | 0.11 | 192 | - | NMRV025 | - |
| 119 | 29 | 40 | 0.09 | 211 | - | NMRV025 | - |
| 106 | 23 | 50 | 0.07 | 228 | - | NMRV025 | - |
| 93 | 19 | 60 | 0.05 | 242 | - | NMRV025 | - |
| 177 | 228 | 5 | 0.74 | 144 | 36 | NMRV030 | NRV030 |
| 177 | 152 | 7.5 | 0.51 | 164 | 37 | NMRV030 | NRV030 |
| 177 | 114 | 10 | 0.39 | 181 | 41 | NMRV030 | NRV030 |
| 177 | 76 | 15 | 0.28 | 207 | 41 | NMRV030 | NRV030 |
| 168 | 57 | 20 | 0.21 | 228 | 44 | NMRV030 | NRV030 |
| 204 | 46 | 25 | 0.22 | 246 | 47 | NMRV030 | NRV030 |
| 190 | 38 | 30 | 0.18 | 261 | 47 | NMRV030 | NRV030 |
| 177 | 29 | 40 | 0.14 | 287 | 47 | NMRV030 | NRV030 |
| 164 | 23 | 50 | 0.11 | 309 | 47 | NMRV030 | NRV030 |
| 146 | 19 | 60 | 0.09 | 329 | 47 | NMRV030 | NRV030 |
| 124 | 14 | 80 | 0.06 | 362 | 47 | NMRV030 | NRV030 |
| 345 | 228 | 5 | 1.42 | 276 | 61 | NMRV040 | NRV040 |
| 389 | 152 | 7.5 | 1.09 | 316 | 68 | NMRV040 | NRV040 |
| 407 | 114 | 10 | 0.88 | 348 | 78 | NMRV040 | NRV040 |
| 416 | 76 | 15 | 0.62 | 399 | 78 | NMRV040 | NRV040 |
| 403 | 57 | 20 | 0.47 | 439 | 79 | NMRV040 | NRV040 |
| 372 | 46 | 25 | 0.36 | 473 | 79 | NMRV040 | NRV040 |
| 447 | 38 | 30 | 0.39 | 502 | 79 | NMRV040 | NRV040 |
| 420 | 29 | 40 | 0.29 | 553 | 79 | NMRV040 | NRV040 |
| 389 | 23 | 50 | 0.23 | 596 | 79 | NMRV040 | NRV040 |
| 354 | 19 | 60 | 0.19 | 633 | 79 | NMRV040 | NRV040 |
| 301 | 14 | 80 | 0.13 | 697 | 79 | NMRV040 | NRV040 |
| 270 | 11 | 100 | 0.11 | 750 | 79 | NMRV040 | NRV040 |
| 664 | 228 | 5 | 2.71 | 379 | 84 | NMRV050 | NRV050 |
| 743 | 152 | 7.5 | 2.06 | 434 | 94 | NMRV050 | NRV050 |
| 757 | 114 | 10 | 1.59 | 478 | 110 | NMRV050 | NRV050 |
| 765 | 76 | 15 | 1.13 | 547 | 110 | NMRV050 | NRV050 |
| 712 | 57 | 20 | 0.82 | 602 | 110 | NMRV050 | NRV050 |
| 650 | 46 | 25 | 0.62 | 649 | 110 | NMRV050 | NRV050 |
| 805 | 38 | 30 | 0.68 | 690 | 110 | NMRV050 | NRV050 |
| 752 | 29 | 40 | 0.52 | 759 | 110 | NMRV050 | NRV050 |
| 699 | 23 | 50 | 0.41 | 818 | 110 | NMRV050 | NRV050 |
| 655 | 19 | 60 | 0.34 | 869 | 110 | NMRV050 | NRV050 |
| 588 | 14 | 80 | 0.26 | 956 | 110 | NMRV050 | NRV050 |
| 491 | 11 | 100 | 0.19 | 1030 | 110 | NMRV050 | NRV050 |
| 1234 | 152 | 7.5 | 3.36 | 568 | 130 | NMRV-P063 | NRV-P063 |
| 1261 | 114 | 10 | 2.65 | 625 | 150 | NMRV-P063 | NRV-P063 |
| 1407 | 76 | 15 | 2.04 | 715 | 157 | NMRV-P063 | NRV-P063 |
| 1363 | 57 | 20 | 1.53 | 787 | 157 | NMRV-P063 | NRV-P063 |
| 1248 | 46 | 25 | 1.16 | 848 | 157 | NMRV-P063 | NRV-P063 |
| 1486 | 38 | 30 | 1.22 | 901 | 157 | NMRV-P063 | NRV-P063 |
| 1413 | 29 | 40 | 0.93 | 992 | 157 | NMRV-P063 | NRV-P063 |
| 1341 | 23 | 50 | 0.75 | 1069 | 157 | NMRV-P063 | NRV-P063 |
| 1271 | 19 | 60 | 0.62 | 1136 | 157 | NMRV-P063 | NRV-P063 |
| 1145 | 14 | 80 | 0.46 | 1250 | 157 | NMRV-P063 | NRV-P063 |
| 1071 | 11 | 100 | 0.38 | 1346 | 157 | NMRV-P063 | NRV-P063 |

| Maximum Torque in-lbs | Output Speed RPM | Exact Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1770 | 152 | 7.5 | 4.82 | 670 | 182 | NMRV-P075 | NRV-P075 |
| 1880 | 114 | 10 | 3.92 | 738 | 218 | NMRV-P075 | NRV-P075 |
| 2213 | 76 | 15 | 3.16 | 844 | 220 | NMRV-P075 | NRV-P075 |
| 2212 | 57 | 20 | 2.47 | 929 | 220 | NMRV-P075 | NRV-P075 |
| 2013 | 46 | 25 | 1.84 | 1001 | 220 | NMRV-P075 | NRV-P075 |
| 2340 | 38 | 30 | 1.89 | 1064 | 220 | NMRV-P075 | NRV-P075 |
| 2315 | 29 | 40 | 1.49 | 1171 | 220 | NMRV-P075 | NRV-P075 |
| 2123 | 23 | 50 | 1.15 | 1261 | 220 | NMRV-P075 | NRV-P075 |
| 2040 | 19 | 60 | 0.97 | 1340 | 220 | NMRV-P075 | NRV-P075 |
| 1835 | 14 | 80 | 0.72 | 1475 | 220 | NMRV-P075 | NRV-P075 |
| 1663 | 11 | 100 | 0.57 | 1589 | 220 | NMRV-P075 | NRV-P075 |
| 3066 | 152 | 7.5 | 8.25 | 742 | 234 | NMRV-P090 | NRV-P090 |
| 3309 | 114 | 10 | 6.79 | 816 | 285 | NMRV-P090 | NRV-P090 |
| 3796 | 76 | 15 | 5.31 | 934 | 285 | NMRV-P090 | NRV-P090 |
| 3628 | 57 | 20 | 3.92 | 1028 | 285 | NMRV-P090 | NRV-P090 |
| 3455 | 46 | 25 | 3.06 | 1108 | 285 | NMRV-P090 | NRV-P090 |
| 4057 | 38 | 30 | 3.14 | 1177 | 285 | NMRV-P090 | NRV-P090 |
| 3747 | 29 | 40 | 2.28 | 1296 | 285 | NMRV-P090 | NRV-P090 |
| 3553 | 23 | 50 | 1.80 | 1396 | 285 | NMRV-P090 | NRV-P090 |
| 3261 | 19 | 60 | 1.45 | 1483 | 285 | NMRV-P090 | NRV-P090 |
| 2654 | 14 | 80 | 0.96 | 1632 | 285 | NMRV-P090 | NRV-P090 |
| 2433 | 11 | 100 | 0.76 | 1758 | 285 | NMRV-P090 | NRV-P090 |
| 5318 | 152 | 7.5 | 14.32 | 937 | 312 | NMRV-P110 | NRV-P110 |
| 5800 | 114 | 10 | 11.84 | 1031 | 382 | NMRV-P110 | NRV-P110 |
| 6260 | 76 | 15 | 8.72 | 1181 | 382 | NMRV-P110 | NRV-P110 |
| 6057 | 57 | 20 | 6.43 | 1299 | 382 | NMRV-P110 | NRV-P110 |
| 6362 | 46 | 25 | 5.49 | 1400 | 382 | NMRV-P110 | NRV-P110 |
| 6924 | 38 | 30 | 5.30 | 1487 | 382 | NMRV-P110 | NRV-P110 |
| 6618 | 29 | 40 | 3.87 | 1637 | 382 | NMRV-P110 | NRV-P110 |
| 6229 | 23 | 50 | 3.03 | 1764 | 382 | NMRV-P110 | NRV-P110 |
| 5742 | 19 | 60 | 2.40 | 1874 | 382 | NMRV-P110 | NRV-P110 |
| 4787 | 14 | 80 | 1.63 | 2063 | 382 | NMRV-P110 | NRV-P110 |
| 4415 | 11 | 100 | 1.29 | 2222 | 382 | NMRV-P110 | NRV-P110 |
| 7211 | 152 | 7.5 | 19.22 | 1226 | 364 | NMRV130 | NRV130 |
| 7875 | 114 | 10 | 16.10 | 1349 | 443 | NMRV130 | NRV130 |
| 8760 | 76 | 15 | 12.29 | 1544 | 469 | NMRV130 | NRV130 |
| 8627 | 57 | 20 | 9.07 | 1700 | 472 | NMRV130 | NRV130 |
| 8760 | 46 | 25 | 7.55 | 1831 | 472 | NMRV130 | NRV130 |
| 9777 | 38 | 30 | 7.37 | 1945 | 472 | NMRV130 | NRV130 |
| 9512 | 29 | 40 | 5.55 | 2141 | 472 | NMRV130 | NRV130 |
| 8981 | 23 | 50 | 4.36 | 2307 | 472 | NMRV130 | NRV130 |
| 8140 | 19 | 60 | 3.43 | 2451 | 472 | NMRV130 | NRV130 |
| 7521 | 14 | 80 | 2.54 | 2698 | 472 | NMRV130 | NRV130 |
| 6725 | 11 | 100 | 1.95 | 2906 | 472 | NMRV130 | NRV130 |
| 11502 | 152 | 7.5 | 30.66 | 1675 | 474 | NMRV150 | NRV150 |
| 12033 | 114 | 10 | 24.33 | 1844 | 558 | NMRV150 | NRV150 |
| 11945 | 76 | 15 | 16.47 | 2111 | 554 | NMRV150 | NRV150 |
| 12387 | 57 | 20 | 13.03 | 2323 | 615 | NMRV150 | NRV150 |
| 11414 | 46 | 25 | 9.78 | 2503 | 629 | NMRV150 | NRV150 |
| 11502 | 38 | 30 | 8.36 | 2660 | 629 | NMRV150 | NRV150 |
| 14821 | 29 | 40 | 8.65 | 2927 | 629 | NMRV150 | NRV150 |
| 13272 | 23 | 50 | 6.36 | 3153 | 629 | NMRV150 | NRV150 |
| 11945 | 19 | 60 | 4.97 | 3351 | 629 | NMRV150 | NRV150 |
| 10839 | 14 | 80 | 3.63 | 3688 | 629 | NMRV150 | NRV150 |
| 9512 | 11 | 100 | 2.73 | 3973 | 629 | NMRV150 | NRV150 |

Worm Gear Reducer Ratings - Input Speed 875 rpm

| Maximum Torque in-lbs | Output Speed RPM | Exact Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 115 | 175 | 5 | 0.38 | 115 | - | NMRV025 | - |
| 115 | 117 | 7.5 | 0.25 | 132 | - | NMRV025 | - |
| 124 | 88 | 10 | 0.21 | 145 | - | NMRV025 | - |
| 124 | 58 | 15 | 0.15 | 167 | - | NMRV025 | - |
| 115 | 44 | 20 | 0.11 | 183 | - | NMRV025 | - |
| 133 | 29 | 30 | 0.09 | 210 | - | NMRV025 | - |
| 124 | 22 | 40 | 0.07 | 231 | - | NMRV025 | - |
| 115 | 18 | 50 | 0.06 | 249 | - | NMRV025 | - |
| 97 | 15 | 60 | 0.04 | 264 | - | NMRV025 | - |
| 186 | 175 | 5 | 0.61 | 157 | 39 | NMRV030 | NRV030 |
| 186 | 117 | 7.5 | 0.41 | 180 | 39 | NMRV030 | NRV030 |
| 186 | 88 | 10 | 0.32 | 198 | 44 | NMRV030 | NRV030 |
| 186 | 58 | 15 | 0.23 | 226 | 44 | NMRV030 | NRV030 |
| 177 | 44 | 20 | 0.17 | 249 | 47 | NMRV030 | NRV030 |
| 212 | 35 | 25 | 0.18 | 268 | 47 | NMRV030 | NRV030 |
| 195 | 29 | 30 | 0.15 | 285 | 47 | NMRV030 | NRV030 |
| 186 | 22 | 40 | 0.12 | 314 | 47 | NMRV030 | NRV030 |
| 168 | 18 | 50 | 0.09 | 338 | 47 | NMRV030 | NRV030 |
| 150 | 15 | 60 | 0.07 | 359 | 47 | NMRV030 | NRV030 |
| 133 | 11 | 80 | 0.05 | 395 | 47 | NMRV030 | NRV030 |
| 372 | 175 | 5 | 1.19 | 302 | 65 | NMRV040 | NRV040 |
| 407 | 117 | 7.5 | 0.89 | 346 | 71 | NMRV040 | NRV040 |
| 425 | 88 | 10 | 0.71 | 380 | 79 | NMRV040 | NRV040 |
| 442 | 58 | 15 | 0.52 | 435 | 79 | NMRV040 | NRV040 |
| 425 | 44 | 20 | 0.39 | 479 | 79 | NMRV040 | NRV040 |
| 398 | 35 | 25 | 0.30 | 516 | 79 | NMRV040 | NRV040 |
| 469 | 29 | 30 | 0.32 | 549 | 79 | NMRV040 | NRV040 |
| 442 | 22 | 40 | 0.24 | 604 | 79 | NMRV040 | NRV040 |
| 407 | 18 | 50 | 0.19 | 651 | 79 | NMRV040 | NRV040 |
| 363 | 15 | 60 | 0.15 | 691 | 79 | NMRV040 | NRV040 |
| 310 | 11 | 80 | 0.11 | 761 | 79 | NMRV040 | NRV040 |
| 283 | 8.8 | 100 | 0.09 | 784 | 79 | NMRV040 | NRV040 |
| 726 | 175 | 5 | 2.29 | 414 | 90 | NMRV050 | NRV050 |
| 805 | 117 | 7.5 | 1.73 | 474 | 100 | NMRV050 | NRV050 |
| 814 | 88 | 10 | 1.33 | 522 | 110 | NMRV050 | NRV050 |
| 814 | 58 | 15 | 0.94 | 598 | 110 | NMRV050 | NRV050 |
| 734 | 44 | 20 | 0.66 | 658 | 110 | NMRV050 | NRV050 |
| 672 | 35 | 25 | 0.50 | 709 | 110 | NMRV050 | NRV050 |
| 832 | 29 | 30 | 0.56 | 753 | 110 | NMRV050 | NRV050 |
| 779 | 22 | 40 | 0.42 | 829 | 110 | NMRV050 | NRV050 |
| 717 | 18 | 50 | 0.33 | 893 | 110 | NMRV050 | NRV050 |
| 672 | 15 | 60 | 0.28 | 949 | 110 | NMRV050 | NRV050 |
| 602 | 11 | 80 | 0.21 | 1044 | 110 | NMRV050 | NRV050 |
| 495 | 8.8 | 100 | 0.15 | 1088 | 110 | NMRV050 | NRV050 |
| 1336 | 117 | 7.5 | 2.79 | 621 | 157 | NMRV-P063 | NRV-P063 |
| 1354 | 88 | 10 | 2.20 | 684 | 157 | NMRV-P063 | NRV-P063 |
| 1469 | 58 | 15 | 1.65 | 783 | 157 | NMRV-P063 | NRV-P063 |
| 1398 | 44 | 20 | 1.24 | 862 | 157 | NMRV-P063 | NRV-P063 |
| 1292 | 35 | 25 | 0.94 | 928 | 157 | NMRV-P063 | NRV-P063 |
| 1572 | 29 | 30 | 1.02 | 986 | 157 | NMRV-P063 | NRV-P063 |
| 1478 | 22 | 40 | 0.77 | 1086 | 157 | NMRV-P063 | NRV-P063 |
| 1385 | 18 | 50 | 0.62 | 1169 | 157 | NMRV-P063 | NRV-P063 |
| 1318 | 15 | 60 | 0.51 | 1243 | 157 | NMRV-P063 | NRV-P063 |
| 1181 | 11 | 80 | 0.38 | 1368 | 157 | NMRV-P063 | NRV-P063 |
| 1097 | 8.8 | 100 | 0.32 | 1409 | 157 | NMRV-P063 | NRV-P063 |

| Maximum Torque in-lbs | Output Speed RPM | Exact Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1902 | 117 | 7.5 | 3.98 | 733 | 220 | NMRV-P075 | NRV-P075 |
| 2035 | 88 | 10 | 3.31 | 807 | 220 | NMRV-P075 | NRV-P075 |
| 2268 | 58 | 15 | 2.55 | 924 | 220 | NMRV-P075 | NRV-P075 |
| 2268 | 44 | 20 | 2.01 | 1017 | 220 | NMRV-P075 | NRV-P075 |
| 2130 | 35 | 25 | 1.55 | 1096 | 220 | NMRV-P075 | NRV-P075 |
| 2542 | 29 | 30 | 1.65 | 1164 | 220 | NMRV-P075 | NRV-P075 |
| 2452 | 22 | 40 | 1.28 | 1281 | 220 | NMRV-P075 | NRV-P075 |
| 2254 | 18 | 50 | 1.00 | 1380 | 220 | NMRV-P075 | NRV-P075 |
| 2183 | 15 | 60 | 0.85 | 1467 | 220 | NMRV-P075 | NRV-P075 |
| 1949 | 11 | 80 | 0.63 | 1614 | 220 | NMRV-P075 | NRV-P075 |
| 1734 | 8.8 | 100 | 0.50 | 1659 | 220 | NMRV-P075 | NRV-P075 |
| 1902 | 117 | 7.5 | 3.93 | 811 | 285 | NMRV-P090 | NRV-P090 |
| 2035 | 88 | 10 | 3.23 | 893 | 285 | NMRV-P090 | NRV-P090 |
| 2079 | 58 | 15 | 2.25 | 1022 | 285 | NMRV-P090 | NRV-P090 |
| 2079 | 44 | 20 | 1.75 | 1125 | 285 | NMRV-P090 | NRV-P090 |
| 1938 | 35 | 25 | 1.34 | 1212 | 285 | NMRV-P090 | NRV-P090 |
| 2300 | 29 | 30 | 1.39 | 1288 | 285 | NMRV-P090 | NRV-P090 |
| 2132 | 22 | 40 | 1.02 | 1418 | 285 | NMRV-P090 | NRV-P090 |
| 2035 | 18 | 50 | 0.81 | 1527 | 285 | NMRV-P090 | NRV-P090 |
| 1938 | 15 | 60 | 0.69 | 1623 | 285 | NMRV-P090 | NRV-P090 |
| 1770 | 11 | 80 | 0.51 | 1786 | 285 | NMRV-P090 | NRV-P090 |
| 1681 | 8.8 | 100 | 0.42 | 1838 | 285 | NMRV-P090 | NRV-P090 |
| 5751 | 117 | 7.5 | 11.90 | 1025 | 382 | NMRV-P110 | NRV-P110 |
| 6309 | 88 | 10 | 9.90 | 1129 | 382 | NMRV-P110 | NRV-P110 |
| 6716 | 58 | 15 | 7.19 | 1292 | 382 | NMRV-P110 | NRV-P110 |
| 6415 | 44 | 20 | 5.27 | 1422 | 382 | NMRV-P110 | NRV-P110 |
| 6716 | 35 | 25 | 4.52 | 1532 | 382 | NMRV-P110 | NRV-P110 |
| 7432 | 29 | 30 | 4.44 | 1628 | 382 | NMRV-P110 | NRV-P110 |
| 7025 | 22 | 40 | 3.23 | 1791 | 382 | NMRV-P110 | NRV-P110 |
| 6618 | 18 | 50 | 2.54 | 1930 | 382 | NMRV-P110 | NRV-P110 |
| 6034 | 15 | 60 | 2.01 | 2051 | 382 | NMRV-P110 | NRV-P110 |
| 5017 | 11 | 80 | 1.35 | 2257 | 382 | NMRV-P110 | NRV-P110 |
| 4557 | 8.8 | 100 | 1.07 | 2319 | 382 | NMRV-P110 | NRV-P110 |
| 7786 | 117 | 7.5 | 16.02 | 1339 | 391 | NMRV130 | NRV130 |
| 8494 | 88 | 10 | 13.40 | 1473 | 472 | NMRV130 | NRV130 |
| 9379 | 58 | 15 | 10.21 | 1686 | 472 | NMRV130 | NRV130 |
| 9202 | 44 | 20 | 7.52 | 1856 | 472 | NMRV130 | NRV130 |
| 9290 | 35 | 25 | 6.22 | 2000 | 472 | NMRV130 | NRV130 |
| 10352 | 29 | 30 | 6.07 | 2125 | 472 | NMRV130 | NRV130 |
| 9733 | 22 | 40 | 4.45 | 2339 | 472 | NMRV130 | NRV130 |
| 9290 | 18 | 50 | 3.53 | 2519 | 472 | NMRV130 | NRV130 |
| 8317 | 15 | 60 | 2.75 | 2677 | 472 | NMRV130 | NRV130 |
| 7609 | 11 | 80 | 2.03 | 2947 | 472 | NMRV130 | NRV130 |
| 6901 | 8.8 | 100 | 1.60 | 3034 | 472 | NMRV130 | NRV130 |
| 12387 | 117 | 7.5 | 25.48 | 1830 | 510 | NMRV150 | NRV150 |
| 13095 | 88 | 10 | 20.43 | 2014 | 607 | NMRV150 | NRV150 |
| 12830 | 58 | 15 | 13.65 | 2306 | 594 | NMRV150 | NRV150 |
| 13272 | 44 | 20 | 10.84 | 2538 | 629 | NMRV150 | NRV150 |
| 12210 | 35 | 25 | 8.07 | 2734 | 629 | NMRV150 | NRV150 |
| 12387 | 29 | 30 | 6.99 | 2905 | 629 | NMRV150 | NRV150 |
| 15927 | 22 | 40 | 7.28 | 3197 | 629 | NMRV150 | NRV150 |
| 14157 | 18 | 50 | 5.31 | 3444 | 629 | NMRV150 | NRV150 |
| 12741 | 15 | 60 | 4.15 | 3660 | 629 | NMRV150 | NRV150 |
| 11502 | 11 | 80 | 3.03 | 4028 | 629 | NMRV150 | NRV150 |
| 10175 | 8.8 | 100 | 2.32 | 4045 | 629 | NMRV150 | NRV150 |

Helical Worm Gearmotor Ratings - Motor Speed 1750 rpm

0.16 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 2.29 | 79 | 14.3 | 107 | 2.94 | 7.5 | 22.08 | 1537 | 705 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.94 | 60 | 12.2 | 138 | 3.87 | 7.5 | 29.00 | 1682 | 772 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.54 | 45 | 9.6 | 176 | 3.87 | 10 | 38.67 | 1691 | 850 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.37 | 40 | 8.5 | 196 | 2.94 | 15 | 44.17 | 1671 | 889 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.35 | 37 | 8.5 | 214 | 4.75 | 10 | 47.50 | 1812 | 911 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.17 | 30 | 7.3 | 250 | 3.87 | 15 | 58.00 | 1829 | 973 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 1.03 | 25 | 6.5 | 304 | 4.75 | 15 | 71.25 | 1960 | 1042 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.91 | 23 | 5.7 | 320 | 3.87 | 20 | 77.33 | 1816 | 1071 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.95 | 21 | 5.9 | 346 | 5.45 | 15 | 81.82 | 2052 | 1092 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.85 | 20 | 5.3 | 333 | 2.94 | 30 | 88.33 | 1778 | 1120 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.83 | 18 | 5.2 | 387 | 4.75 | 20 | 95.00 | 1997 | 1147 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.76 | 16 | 4.8 | 439 | 5.45 | 20 | 109.09 | 2098 | 1201 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.76 | 15 | 4.7 | 490 | 7.88 | 15 | 118.13 | 2319 | 1234 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.58 | 13 | 3.6 | 526 | 5.45 | 25 | 136.36 | 1912 | 1294 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.66 | 12 | 4.1 | 508 | 4.75 | 30 | 142.50 | 2085 | 1313 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.60 | 11 | 3.7 | 619 | 7.88 | 20 | 157.50 | 2308 | 1358 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.61 | 11 | 3.8 | 576 | 5.45 | 30 | 163.64 | 2183 | 1375 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.43 | 10 | 2.7 | 552 | 2.94 | 60 | 176.67 | 1490 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.45 | 8.9 | 2.8 | 741 | 7.88 | 25 | 196.88 | 2097 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.48 | 8.0 | 3.0 | 712 | 5.45 | 40 | 218.18 | 2115 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.49 | 7.4 | 3.0 | 810 | 7.88 | 30 | 236.25 | 2467 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.38 | 6.4 | 2.4 | 823 | 5.45 | 50 | 272.73 | 1958 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.59 | 6.4 | 3.7 | 860 | 5.45 | 50 | 272.73 | 3189 | 1659 | HW030+NMRV-P075 | 63A4 | HW030+NMRV-P075 | 56C |
| 0.37 | 5.6 | 2.3 | 994 | 7.88 | 40 | 315.00 | 2298 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.58 | 5.6 | 3.6 | 1045 | 7.88 | 40 | 315.00 | 3797 | 1659 | HW030+NMRV-P075 | 63A4 | HW030+NMRV-P075 | 56C |
| 0.29 | 4.4 | 1.8 | 1152 | 7.88 | 50 | 393.75 | 2089 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.46 | 4.4 | 2.9 | 1198 | 7.88 | 50 | 393.75 | 3415 | 1659 | HW030+NMRV-P075 | 63A4 | HW030+NMRV-P075 | 56C |
| 0.29 | 4.0 | 1.8 | 1337 | 10.83 | 40 | 433.33 | 2391 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.62 | 4.0 | 3.9 | 1418 | 8.75 | 50 | 437.50 | 5524 | 1838 | HW040+NMRV-P090 | 63A4 | HW040+NMRV-P090 | 56C |
| 0.54 | 3.8 | 3.4 | 1403 | 7.67 | 60 | 460.00 | 4724 | 1838 | HW040+NMRV-P090 | 63A4 | HW040+NMRV-P090 | 56C |
| 0.24 | 3.7 | 1.5 | 1279 | 7.88 | 60 | 472.50 | 1895 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.38 | 3.7 | 2.4 | 1358 | 7.88 | 60 | 472.50 | 3238 | 1659 | HW030+NMRV-P075 | 63A4 | HW030+NMRV-P075 | 56C |
| 0.49 | 3.3 | 3.0 | 1584 | 8.75 | 60 | 525.00 | 4810 | 1838 | HW040+NMRV-P090 | 63A4 | HW040+NMRV-P090 | 56C |
| 0.22 | 3.2 | 1.4 | 1555 | 10.83 | 50 | 541.67 | 2166 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.30 | 3.2 | 1.9 | 1611 | 10.83 | 50 | 541.67 | 3061 | 1659 | HW030+NMRV-P075 | 63A4 | HW030+NMRV-P075 | 56C |
| 0.36 | 2.9 | 2.2 | 1695 | 7.67 | 80 | 613.33 | 3770 | 1838 | HW040+NMRV-P090 | 63A4 | HW040+NMRV-P090 | 56C |
| 0.61 | 2.9 | 3.8 | 1833 | 7.67 | 80 | 613.33 | 7020 | 2319 | HW040+NMRV-P110 | 63A4 | HW040+NMRV-P110 | 56C |
| 0.18 | 2.7 | 1.1 | 1715 | 10.83 | 60 | 650.00 | 1957 | 1409 | HW030+NMRV-P063 | 63A4 | HW030+NMRV-P063 | 56C |
| 0.29 | 2.7 | 1.8 | 1824 | 10.83 | 60 | 650.00 | 3351 | 1659 | HW030+NMRV-P075 | 63A4 | HW030+NMRV-P075 | 56C |
| 0.32 | 2.5 | 2.0 | 1917 | 8.75 | 80 | 700.00 | 3826 | 1838 | HW040+NMRV-P090 | 63A4 | HW040+NMRV-P090 | 56C |
| 0.55 | 2.5 | 3.4 | 2073 | 8.75 | 80 | 700.00 | 7141 | 2319 | HW040+NMRV-P110 | 63A4 | HW040+NMRV-P110 | 56C |
| 0.26 | 2.3 | 1.6 | 1909 | 7.67 | 100 | 766.67 | 3109 | 1838 | HW040+NMRV-P090 | 63A4 | HW040+NMRV-P090 | 56C |
| 0.43 | 2.3 | 2.7 | 2081 | 7.67 | 100 | 766.67 | 5643 | 2319 | HW040+NMRV-P110 | 63A4 | HW040+NMRV-P110 | 56C |
| 0.18 | 2.2 | 1.1 | 1780 | 7.88 | 100 | 787.50 | 1973 | 1659 | HW030+NMRV-P075 | 63A4 | HW030+NMRV-P075 | 56C |
| 0.19 | 2.0 | 1.2 | 2148 | 10.83 | 80 | 866.67 | 2526 | 1659 | HW030+NMRV-P075 | 63A4 | HW030+NMRV-P075 | 56C |
| 0.23 | 2.0 | 1.5 | 2151 | 8.75 | 100 | 875.00 | 3129 | 1838 | HW040+NMRV-P090 | 63A4 | HW040+NMRV-P090 | 56C |
| 0.39 | 2.0 | 2.4 | 2347 | 8.75 | 100 | 875.00 | 5679 | 2319 | HW040+NMRV-P110 | 63A4 | HW040+NMRV-P110 | 56C |
| 0.20 | 23 | 1.2 | 292 | 3.00 | 25 | 75.00 | 362 | 591 | PC063+NMRV040 | 63A4 | PC063+NMRV040 | 56C |
| 0.36 | 23 | 2.2 | 294 | 3.00 | 25 | 75.00 | 660 | 811 | PC063+NMRV050 | 63A4 | PC063+NMRV050 | 56C |
| 0.22 | 19 | 1.4 | 320 | 3.00 | 30 | 90.00 | 446 | 628 | PC063+NMRV040 | 63A4 | PC063+NMRV040 | 56C |
| 0.40 | 19 | 2.5 | 328 | 3.00 | 30 | 90.00 | 818 | 862 | PC063+NMRV050 | 63A4 | PC063+NMRV050 | 56C |

0.16 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|---------------|-------|---------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 0.17 | 14 | 1.1 | 394 | 3.00 | 40 | 120.00 | 418 | 691 | PC063+NMRV040 | 63A4 | PC063+NMRV040 | 56C |
| 0.31 | 14 | 1.9 | 401 | 3.00 | 40 | 120.00 | 762 | 949 | PC063+NMRV050 | 63A4 | PC063+NMRV050 | 56C |
| 0.24 | 11 | 1.5 | 471 | 3.00 | 50 | 150.00 | 715 | 1022 | PC063+NMRV050 | 63A4 | PC063+NMRV050 | 56C |
| 0.21 | 9.7 | 1.3 | 525 | 3.00 | 60 | 180.00 | 669 | 1086 | PC063+NMRV050 | 63A4 | PC063+NMRV050 | 56C |
| 0.16 | 7.3 | 1.0 | 619 | 3.00 | 80 | 240.00 | 604 | 1088 | PC063+NMRV050 | 63A4 | PC063+NMRV050 | 56C |

0.25 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 2.29 | 79 | 9.2 | 168 | 2.94 | 7.5 | 22.08 | 1537 | 705 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.94 | 60 | 7.8 | 216 | 3.87 | 7.5 | 29.00 | 1682 | 772 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.54 | 45 | 6.2 | 275 | 3.87 | 10 | 38.67 | 1691 | 850 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.37 | 40 | 5.5 | 306 | 2.94 | 15 | 44.17 | 1671 | 889 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.35 | 37 | 5.4 | 335 | 4.75 | 10 | 47.50 | 1812 | 911 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C |
| 1.17 | 30 | 4.7 | 391 | 3.87 | 15 | 58.00 | 1829 | 973 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 1.03 | 25 | 4.1 | 474 | 4.75 | 15 | 71.25 | 1960 | 1042 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.91 | 23 | 3.6 | 500 | 3.87 | 20 | 77.33 | 1816 | 1071 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.95 | 21 | 3.8 | 540 | 5.45 | 15 | 81.82 | 2052 | 1092 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.85 | 20 | 3.4 | 521 | 2.94 | 30 | 88.33 | 1778 | 1120 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.83 | 18 | 3.3 | 604 | 4.75 | 20 | 95.00 | 1997 | 1147 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.76 | 16 | 3.1 | 686 | 5.45 | 20 | 109.09 | 2098 | 1201 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.76 | 15 | 3.0 | 766 | 7.88 | 15 | 118.13 | 2319 | 1234 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.58 | 13 | 2.3 | 822 | 5.45 | 25 | 136.36 | 1912 | 1294 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.94 | 13 | 3.8 | 845 | 5.45 | 25 | 136.36 | 3182 | 1528 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.66 | 12 | 2.6 | 794 | 4.75 | 30 | 142.50 | 2085 | 1313 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.90 | 11 | 3.6 | 852 | 3.87 | 40 | 154.67 | 3080 | 1592 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.60 | 11 | 2.4 | 968 | 7.88 | 20 | 157.50 | 2308 | 1358 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.61 | 11 | 2.4 | 900 | 5.45 | 30 | 163.64 | 2183 | 1375 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.93 | 11 | 3.7 | 943 | 5.45 | 30 | 163.64 | 3527 | 1623 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.43 | 10 | 1.7 | 862 | 2.94 | 60 | 176.67 | 1490 | 1409 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.69 | 10 | 2.7 | 908 | 2.94 | 60 | 176.67 | 2491 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.93 | 9.4 | 3.7 | 997 | 3.11 | 60 | 186.32 | 3699 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.45 | 8.9 | 1.8 | 1158 | 7.88 | 25 | 196.88 | 2097 | 1409 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.74 | 8.9 | 2.9 | 1192 | 7.88 | 25 | 196.88 | 3507 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.48 | 8.0 | 1.9 | 1113 | 5.45 | 40 | 218.18 | 2115 | 1409 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.74 | 8.0 | 3.0 | 1162 | 5.45 | 40 | 218.18 | 3456 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.49 | 7.4 | 1.9 | 1266 | 7.88 | 30 | 236.25 | 2467 | 1409 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.75 | 7.4 | 3.0 | 1328 | 7.88 | 30 | 236.25 | 3985 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.81 | 6.9 | 3.2 | 1284 | 4.20 | 60 | 252.00 | 4148 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.38 | 6.4 | 1.5 | 1286 | 5.45 | 50 | 272.73 | 1958 | 1409 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.59 | 6.4 | 2.4 | 1343 | 5.45 | 50 | 272.73 | 3189 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.87 | 6.4 | 3.5 | 1449 | 5.50 | 50 | 275.00 | 5073 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.82 | 5.7 | 3.3 | 1589 | 6.09 | 50 | 304.55 | 5191 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.37 | 5.6 | 1.5 | 1552 | 7.88 | 40 | 315.00 | 2298 | 1409 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.58 | 5.6 | 2.3 | 1633 | 7.88 | 40 | 315.00 | 3797 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.68 | 5.3 | 2.7 | 1624 | 5.50 | 60 | 330.00 | 4449 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.69 | 4.6 | 2.8 | 1960 | 7.67 | 50 | 383.33 | 5416 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.99 | 4.6 | 4.0 | 2091 | 7.67 | 50 | 383.33 | 8291 | 2319 | HW040+NMRV-P110 | 63B4 | HW040+NMRV-P110 | 56C |
| 0.29 | 4.4 | 1.2 | 1800 | 7.88 | 50 | 393.75 | 2089 | 1409 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.46 | 4.4 | 1.8 | 1872 | 7.88 | 50 | 393.75 | 3415 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |

0.25 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 0.29 | 4.0 | 1.1 | 2090 | 10.83 | 40 | 433.33 | 2391 | 1409 | HW030+NMRV-P063 | 63B4 | HW030+NMRV-P063 | 56C |
| 0.62 | 4.0 | 2.5 | 2216 | 8.75 | 50 | 437.50 | 5524 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.79 | 4.0 | 3.1 | 2112 | 5.50 | 80 | 440.00 | 6635 | 2319 | HW040+NMRV-P110 | 63B4 | HW040+NMRV-P110 | 56C |
| 0.54 | 3.8 | 2.2 | 2191 | 7.67 | 60 | 460.00 | 4724 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.90 | 3.8 | 3.6 | 2352 | 7.67 | 60 | 460.00 | 8488 | 2319 | HW040+NMRV-P110 | 63B4 | HW040+NMRV-P110 | 56C |
| 0.38 | 3.7 | 1.5 | 2122 | 7.88 | 60 | 472.50 | 3238 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.49 | 3.3 | 1.9 | 2475 | 8.75 | 60 | 525.00 | 4810 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.75 | 3.3 | 3.0 | 2659 | 8.75 | 60 | 525.00 | 8006 | 2319 | HW040+NMRV-P110 | 63B4 | HW040+NMRV-P110 | 56C |
| 0.30 | 3.2 | 1.2 | 2517 | 10.83 | 50 | 541.67 | 3061 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.36 | 2.9 | 1.4 | 2649 | 7.67 | 80 | 613.33 | 3770 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.61 | 2.9 | 2.5 | 2863 | 7.67 | 80 | 613.33 | 7020 | 2319 | HW040+NMRV-P110 | 63B4 | HW040+NMRV-P110 | 56C |
| 0.29 | 2.7 | 1.2 | 2851 | 10.83 | 60 | 650.00 | 3351 | 1659 | HW030+NMRV-P075 | 63B4 | HW030+NMRV-P075 | 56C |
| 0.32 | 2.5 | 1.3 | 2995 | 8.75 | 80 | 700.00 | 3826 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.55 | 2.5 | 2.2 | 3239 | 8.75 | 80 | 700.00 | 7141 | 2319 | HW040+NMRV-P110 | 63B4 | HW040+NMRV-P110 | 56C |
| 0.26 | 2.3 | 1.0 | 2983 | 7.67 | 100 | 766.67 | 3109 | 1838 | HW040+NMRV-P090 | 63B4 | HW040+NMRV-P090 | 56C |
| 0.43 | 2.3 | 1.7 | 3251 | 7.67 | 100 | 766.67 | 5643 | 2319 | HW040+NMRV-P110 | 63B4 | HW040+NMRV-P110 | 56C |
| 0.39 | 2.0 | 1.5 | 3667 | 8.75 | 100 | 875.00 | 5679 | 2319 | HW040+NMRV-P110 | 63B4 | HW040+NMRV-P110 | 56C |
| 0.32 | 15 | 1.3 | 602 | 3.00 | 40 | 120.00 | 762 | 949 | PC063+NMRV050 | 63B4 | PC063+NMRV050 | 56C |
| 0.25 | 12 | 1.0 | 706 | 3.00 | 50 | 150.00 | 715 | 1022 | PC063+NMRV050 | 63B4 | PC063+NMRV050 | 56C |

0.33 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 2.29 | 79 | 6.9 | 221 | 2.94 | 7.5 | 22.08 | 1537 | 705 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 1.94 | 60 | 5.9 | 285 | 3.87 | 7.5 | 29.00 | 1682 | 772 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 1.54 | 45 | 4.7 | 363 | 3.87 | 10 | 38.67 | 1691 | 850 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 1.37 | 40 | 4.1 | 403 | 2.94 | 15 | 44.17 | 1671 | 889 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 1.35 | 37 | 4.1 | 442 | 4.75 | 10 | 47.50 | 1812 | 911 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 1.17 | 30 | 3.5 | 516 | 3.87 | 15 | 58.00 | 1829 | 973 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 1.03 | 25 | 3.1 | 626 | 4.75 | 15 | 71.25 | 1960 | 1042 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.91 | 23 | 2.7 | 660 | 3.87 | 20 | 77.33 | 1816 | 1071 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.95 | 21 | 2.9 | 713 | 5.45 | 15 | 81.82 | 2052 | 1092 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.85 | 20 | 2.6 | 688 | 2.94 | 30 | 88.33 | 1778 | 1120 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 1.32 | 20 | 4.0 | 718 | 2.94 | 30 | 88.33 | 2872 | 1322 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.83 | 18 | 2.5 | 797 | 4.75 | 20 | 95.00 | 1997 | 1147 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.76 | 16 | 2.3 | 905 | 5.45 | 20 | 109.09 | 2098 | 1201 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 1.25 | 16 | 3.8 | 931 | 5.45 | 20 | 109.09 | 3524 | 1418 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 1.14 | 15 | 3.5 | 911 | 3.87 | 30 | 116.00 | 3143 | 1447 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.76 | 15 | 2.3 | 1012 | 7.88 | 15 | 118.13 | 2319 | 1234 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.58 | 13 | 1.8 | 1085 | 5.45 | 25 | 136.36 | 1912 | 1294 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.94 | 13 | 2.9 | 1116 | 5.45 | 25 | 136.36 | 3182 | 1528 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.66 | 12 | 2.0 | 1048 | 4.75 | 30 | 142.50 | 2085 | 1313 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 1.01 | 12 | 3.1 | 1097 | 4.75 | 30 | 142.50 | 3368 | 1550 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.90 | 11 | 2.7 | 1125 | 3.87 | 40 | 154.67 | 3080 | 1592 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 1.17 | 11 | 3.5 | 1168 | 3.11 | 50 | 155.26 | 4137 | 1765 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.60 | 11 | 1.8 | 1277 | 7.88 | 20 | 157.50 | 2308 | 1358 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.61 | 11 | 1.8 | 1188 | 5.45 | 30 | 163.64 | 2183 | 1375 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.93 | 11 | 2.8 | 1245 | 5.45 | 30 | 163.64 | 3527 | 1623 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.43 | 10 | 1.3 | 1138 | 2.94 | 60 | 176.67 | 1490 | 1409 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |

0.33 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 0.69 | 10 | 2.1 | 1199 | 2.94 | 60 | 176.67 | 2491 | 1659 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.93 | 9.4 | 2.8 | 1316 | 3.11 | 60 | 186.32 | 3699 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.45 | 8.9 | 1.4 | 1529 | 7.88 | 25 | 196.88 | 2097 | 1409 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.74 | 8.9 | 2.2 | 1574 | 7.88 | 25 | 196.88 | 3507 | 1659 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.48 | 8.0 | 1.4 | 1469 | 5.45 | 40 | 218.18 | 2115 | 1409 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.74 | 8.0 | 2.3 | 1534 | 5.45 | 40 | 218.18 | 3456 | 1659 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 1.10 | 8.0 | 3.3 | 1622 | 5.50 | 40 | 220.00 | 5431 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.49 | 7.4 | 1.5 | 1671 | 7.88 | 30 | 236.25 | 2467 | 1409 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.75 | 7.4 | 2.3 | 1753 | 7.88 | 30 | 236.25 | 3985 | 1659 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.81 | 6.9 | 2.4 | 1694 | 4.20 | 60 | 252.00 | 4148 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.38 | 6.4 | 1.2 | 1698 | 5.45 | 50 | 272.73 | 1958 | 1409 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.59 | 6.4 | 1.8 | 1773 | 5.45 | 50 | 272.73 | 3189 | 1659 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.87 | 6.4 | 2.7 | 1913 | 5.50 | 50 | 275.00 | 5073 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.82 | 5.7 | 2.5 | 2097 | 6.09 | 50 | 304.55 | 5191 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.37 | 5.6 | 1.1 | 2049 | 7.88 | 40 | 315.00 | 2298 | 1409 | HW030+NMRV-P063 | 71A4 | HW030+NMRV-P063 | 56C |
| 0.58 | 5.6 | 1.8 | 2155 | 7.88 | 40 | 315.00 | 3797 | 1659 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.68 | 5.3 | 2.1 | 2144 | 5.50 | 60 | 330.00 | 4449 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 1.14 | 5.3 | 3.5 | 2296 | 5.50 | 60 | 330.00 | 7966 | 2319 | HW040+NMRV-P110 | 71A4 | HW040+NMRV-P110 | 56C |
| 0.69 | 4.6 | 2.1 | 2587 | 7.67 | 50 | 383.33 | 5416 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.99 | 4.6 | 3.0 | 2760 | 7.67 | 50 | 383.33 | 8291 | 2319 | HW040+NMRV-P110 | 71A4 | HW040+NMRV-P110 | 56C |
| 0.46 | 4.4 | 1.4 | 2471 | 7.88 | 50 | 393.75 | 3415 | 1659 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.62 | 4.0 | 1.9 | 2925 | 8.75 | 50 | 437.50 | 5524 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.79 | 4.0 | 2.4 | 2788 | 5.50 | 80 | 440.00 | 6635 | 2319 | HW040+NMRV-P110 | 71A4 | HW040+NMRV-P110 | 56C |
| 0.54 | 3.8 | 1.6 | 2893 | 7.67 | 60 | 460.00 | 4724 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.90 | 3.8 | 2.7 | 3105 | 7.67 | 60 | 460.00 | 8488 | 2319 | HW040+NMRV-P110 | 71A4 | HW040+NMRV-P110 | 56C |
| 0.38 | 3.7 | 1.2 | 2802 | 7.88 | 60 | 472.50 | 3238 | 1659 | HW030+NMRV-P075 | 71A4 | HW030+NMRV-P075 | 56C |
| 0.49 | 3.3 | 1.5 | 3268 | 8.75 | 60 | 525.00 | 4810 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.75 | 3.3 | 2.3 | 3510 | 8.75 | 60 | 525.00 | 8006 | 2319 | HW040+NMRV-P110 | 71A4 | HW040+NMRV-P110 | 56C |
| 0.36 | 2.9 | 1.1 | 3497 | 7.67 | 80 | 613.33 | 3770 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.61 | 2.9 | 1.9 | 3780 | 7.67 | 80 | 613.33 | 7020 | 2319 | HW040+NMRV-P110 | 71A4 | HW040+NMRV-P110 | 56C |
| 0.32 | 2.5 | 1.0 | 3953 | 8.75 | 80 | 700.00 | 3826 | 1838 | HW040+NMRV-P090 | 71A4 | HW040+NMRV-P090 | 56C |
| 0.55 | 2.5 | 1.7 | 4276 | 8.75 | 80 | 700.00 | 7141 | 2319 | HW040+NMRV-P110 | 71A4 | HW040+NMRV-P110 | 56C |
| 0.43 | 2.3 | 1.3 | 4291 | 7.67 | 100 | 766.67 | 5643 | 2319 | HW040+NMRV-P110 | 71A4 | HW040+NMRV-P110 | 56C |
| 0.39 | 2.0 | 1.2 | 4841 | 8.75 | 100 | 875.00 | 5679 | 2319 | HW040+NMRV-P110 | 71A4 | HW040+NMRV-P110 | 56C |
| 0.35 | 23 | 1.1 | 613 | 3.00 | 25 | 75.00 | 660 | 811 | PC071+NMRV050 | 71A4 | PC071+NMRV050 | 56C |
| 0.39 | 19 | 1.2 | 683 | 3.00 | 30 | 90.00 | 818 | 862 | PC071+NMRV050 | 71A4 | PC071+NMRV050 | 56C |

0.5 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 2.29 | 79 | 4.6 | 335 | 2.94 | 7.5 | 22.08 | 1537 | 705 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.94 | 60 | 3.9 | 432 | 3.87 | 7.5 | 29.00 | 1682 | 772 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.54 | 45 | 3.1 | 550 | 3.87 | 10 | 38.67 | 1691 | 850 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.37 | 40 | 2.7 | 611 | 2.94 | 15 | 44.17 | 1671 | 889 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.35 | 37 | 2.7 | 669 | 4.75 | 10 | 47.50 | 1812 | 911 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.95 | 37 | 3.9 | 678 | 4.75 | 10 | 47.50 | 2645 | 1075 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 1.17 | 30 | 2.3 | 782 | 3.87 | 15 | 58.00 | 1829 | 973 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.81 | 30 | 3.6 | 803 | 3.87 | 15 | 58.00 | 2908 | 1148 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 1.03 | 25 | 2.1 | 949 | 4.75 | 15 | 71.25 | 1960 | 1042 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |

0.5 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 1.60 | 25 | 3.2 | 974 | 4.75 | 15 | 71.25 | 3116 | 1230 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.91 | 23 | 1.8 | 1001 | 3.87 | 20 | 77.33 | 1816 | 1071 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.49 | 23 | 3.0 | 1028 | 3.87 | 20 | 77.33 | 3056 | 1264 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 1.88 | 23 | 3.8 | 1042 | 3.11 | 25 | 77.63 | 3926 | 1401 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 0.95 | 21 | 1.9 | 1080 | 5.45 | 15 | 81.82 | 2052 | 1092 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.47 | 21 | 2.9 | 1109 | 5.45 | 15 | 81.82 | 3263 | 1288 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.85 | 20 | 1.7 | 1042 | 2.94 | 30 | 88.33 | 1778 | 1120 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.32 | 20 | 2.6 | 1088 | 2.94 | 30 | 88.33 | 2872 | 1322 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.83 | 18 | 1.7 | 1208 | 4.75 | 20 | 95.00 | 1997 | 1147 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.36 | 18 | 2.7 | 1241 | 4.75 | 20 | 95.00 | 3365 | 1354 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.76 | 16 | 1.5 | 1372 | 5.45 | 20 | 109.09 | 2098 | 1201 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.25 | 16 | 2.5 | 1410 | 5.45 | 20 | 109.09 | 3524 | 1418 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 1.81 | 16 | 3.6 | 1471 | 5.50 | 20 | 110.00 | 5317 | 1574 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 1.14 | 15 | 2.3 | 1380 | 3.87 | 30 | 116.00 | 3143 | 1447 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.76 | 15 | 1.5 | 1533 | 7.88 | 15 | 118.13 | 2319 | 1234 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.75 | 14 | 3.5 | 1554 | 4.20 | 30 | 126.00 | 5444 | 1646 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 0.58 | 13 | 1.2 | 1643 | 5.45 | 25 | 136.36 | 1912 | 1294 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 0.94 | 13 | 1.9 | 1691 | 5.45 | 25 | 136.36 | 3182 | 1528 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 1.48 | 13 | 3.0 | 1767 | 5.50 | 25 | 137.50 | 5233 | 1695 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 0.66 | 12 | 1.3 | 1588 | 4.75 | 30 | 142.50 | 2085 | 1313 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 1.01 | 12 | 2.0 | 1662 | 4.75 | 30 | 142.50 | 3368 | 1550 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.90 | 11 | 1.8 | 1705 | 3.87 | 40 | 154.67 | 3080 | 1592 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 1.17 | 11 | 2.3 | 1770 | 3.11 | 50 | 155.26 | 4137 | 1765 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 1.98 | 11 | 4.0 | 1845 | 3.11 | 50 | 155.26 | 7324 | 2230 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.60 | 11 | 1.2 | 1935 | 7.88 | 20 | 157.50 | 2308 | 1358 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 0.61 | 11 | 1.2 | 1800 | 5.45 | 30 | 163.64 | 2183 | 1375 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 0.93 | 11 | 1.9 | 1886 | 5.45 | 30 | 163.64 | 3527 | 1623 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 1.50 | 11 | 3.0 | 1987 | 5.50 | 30 | 165.00 | 5955 | 1801 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 0.69 | 10 | 1.4 | 1816 | 2.94 | 60 | 176.67 | 2491 | 1659 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.93 | 9.4 | 1.9 | 1993 | 3.11 | 60 | 186.32 | 3699 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 1.54 | 9.4 | 3.1 | 2124 | 3.11 | 60 | 186.32 | 6541 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.74 | 8.9 | 1.5 | 2385 | 7.88 | 25 | 196.88 | 3507 | 1659 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.48 | 8.0 | 1.0 | 2225 | 5.45 | 40 | 218.18 | 2115 | 1409 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 0.74 | 8.0 | 1.5 | 2324 | 5.45 | 40 | 218.18 | 3456 | 1659 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 1.10 | 8.0 | 2.2 | 2458 | 5.50 | 40 | 220.00 | 5431 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 1.91 | 8.0 | 3.8 | 2588 | 5.50 | 40 | 220.00 | 9864 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.49 | 7.4 | 1.0 | 2532 | 7.88 | 30 | 236.25 | 2467 | 1409 | HW030+NMRV-P063 | 71B4 | HW030+NMRV-P063 | 56C |
| 0.75 | 7.4 | 1.5 | 2656 | 7.88 | 30 | 236.25 | 3985 | 1659 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.81 | 6.9 | 1.6 | 2567 | 4.20 | 60 | 252.00 | 4148 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 1.35 | 6.9 | 2.7 | 2743 | 4.20 | 60 | 252.00 | 7394 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.59 | 6.4 | 1.2 | 2687 | 5.45 | 50 | 272.73 | 3189 | 1659 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.87 | 6.4 | 1.7 | 2899 | 5.50 | 50 | 275.00 | 5073 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 1.48 | 6.4 | 3.0 | 3072 | 5.50 | 50 | 275.00 | 9108 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.82 | 5.7 | 1.6 | 3178 | 6.09 | 50 | 304.55 | 5191 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 1.38 | 5.7 | 2.8 | 3375 | 6.09 | 50 | 304.55 | 9332 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.58 | 5.6 | 1.2 | 3266 | 7.88 | 40 | 315.00 | 3797 | 1659 | HW030+NMRV-P075 | 71B4 | HW030+NMRV-P075 | 56C |
| 0.68 | 5.3 | 1.4 | 3248 | 5.50 | 60 | 330.00 | 4449 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 1.14 | 5.3 | 2.3 | 3479 | 5.50 | 60 | 330.00 | 7966 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.69 | 4.6 | 1.4 | 3920 | 7.67 | 50 | 383.33 | 5416 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 0.99 | 4.6 | 2.0 | 4182 | 7.67 | 50 | 383.33 | 8291 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.62 | 4.0 | 1.2 | 4431 | 8.75 | 50 | 437.50 | 5524 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 0.79 | 4.0 | 1.6 | 4224 | 5.50 | 80 | 440.00 | 6635 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.54 | 3.8 | 1.1 | 4383 | 7.67 | 60 | 460.00 | 4724 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 0.90 | 3.8 | 1.8 | 4704 | 7.67 | 60 | 460.00 | 8488 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |

0.5 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 0.49 | 3.3 | 1.0 | 4951 | 8.75 | 60 | 525.00 | 4810 | 1838 | HW040+NMRV-P090 | 71B4 | HW040+NMRV-P090 | 56C |
| 0.75 | 3.3 | 1.5 | 5317 | 8.75 | 60 | 525.00 | 8006 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.61 | 2.9 | 1.2 | 5727 | 7.67 | 80 | 613.33 | 7020 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |
| 0.55 | 2.5 | 1.1 | 6479 | 8.75 | 80 | 700.00 | 7141 | 2319 | HW040+NMRV-P110 | 71B4 | HW040+NMRV-P110 | 56C |

0.75 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 2.29 | 79 | 3.1 | 503 | 2.94 | 7.5 | 22.08 | 1537 | 705 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.94 | 60 | 2.6 | 649 | 3.87 | 7.5 | 29.00 | 1682 | 772 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 2.78 | 60 | 3.7 | 642 | 3.87 | 7.5 | 29.00 | 2377 | 911 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.54 | 45 | 2.1 | 824 | 3.87 | 10 | 38.67 | 1691 | 850 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 2.22 | 45 | 3.0 | 835 | 3.87 | 10 | 38.67 | 2468 | 1003 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.37 | 40 | 1.8 | 917 | 2.94 | 15 | 44.17 | 1671 | 889 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 2.12 | 40 | 2.8 | 940 | 2.94 | 15 | 44.17 | 2657 | 1049 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.35 | 37 | 1.8 | 1004 | 4.75 | 10 | 47.50 | 1812 | 911 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.95 | 37 | 2.6 | 1016 | 4.75 | 10 | 47.50 | 2645 | 1075 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.17 | 30 | 1.6 | 1174 | 3.87 | 15 | 58.00 | 1829 | 973 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.81 | 30 | 2.4 | 1204 | 3.87 | 15 | 58.00 | 2908 | 1148 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 2.85 | 28 | 3.8 | 1335 | 4.20 | 15 | 63.00 | 5068 | 1307 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 1.03 | 25 | 1.4 | 1423 | 4.75 | 15 | 71.25 | 1960 | 1042 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.60 | 25 | 2.1 | 1460 | 4.75 | 15 | 71.25 | 3116 | 1230 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 0.91 | 23 | 1.2 | 1501 | 3.87 | 20 | 77.33 | 1816 | 1071 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.49 | 23 | 2.0 | 1541 | 3.87 | 20 | 77.33 | 3056 | 1264 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.88 | 23 | 2.5 | 1563 | 3.11 | 25 | 77.63 | 3926 | 1401 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 0.95 | 21 | 1.3 | 1620 | 5.45 | 15 | 81.82 | 2052 | 1092 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.47 | 21 | 2.0 | 1663 | 5.45 | 15 | 81.82 | 3263 | 1288 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 2.13 | 21 | 2.8 | 1714 | 4.20 | 20 | 84.00 | 4861 | 1438 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 0.85 | 20 | 1.1 | 1563 | 2.94 | 30 | 88.33 | 1778 | 1120 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.32 | 20 | 1.8 | 1633 | 2.94 | 30 | 88.33 | 2872 | 1322 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 2.07 | 19 | 2.8 | 1783 | 3.11 | 30 | 93.16 | 4923 | 1489 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 0.83 | 18 | 1.1 | 1812 | 4.75 | 20 | 95.00 | 1997 | 1147 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.36 | 18 | 1.8 | 1862 | 4.75 | 20 | 95.00 | 3365 | 1354 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 0.76 | 16 | 1.0 | 2058 | 5.45 | 20 | 109.09 | 2098 | 1201 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.25 | 16 | 1.7 | 2115 | 5.45 | 20 | 109.09 | 3524 | 1418 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.81 | 16 | 2.4 | 2206 | 5.50 | 20 | 110.00 | 5317 | 1574 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 1.14 | 15 | 1.5 | 2069 | 3.87 | 30 | 116.00 | 3143 | 1447 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 0.76 | 15 | 1.0 | 2299 | 7.88 | 15 | 118.13 | 2319 | 1234 | HW030+NMRV-P063 | 80A4 | HW030+NMRV-P063 | 56C |
| 1.75 | 14 | 2.3 | 2331 | 4.20 | 30 | 126.00 | 5444 | 1646 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 0.94 | 13 | 1.3 | 2536 | 5.45 | 25 | 136.36 | 3182 | 1528 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.48 | 13 | 2.0 | 2650 | 5.50 | 25 | 137.50 | 5233 | 1695 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 2.26 | 13 | 3.0 | 2758 | 5.50 | 25 | 137.50 | 8300 | 2142 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 1.01 | 12 | 1.4 | 2494 | 4.75 | 30 | 142.50 | 3368 | 1550 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 0.90 | 11 | 1.2 | 2557 | 3.87 | 40 | 154.67 | 3080 | 1592 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.17 | 11 | 1.6 | 2654 | 3.11 | 50 | 155.26 | 4137 | 1765 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 1.98 | 11 | 2.6 | 2768 | 3.11 | 50 | 155.26 | 7324 | 2230 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 0.93 | 11 | 1.2 | 2829 | 5.45 | 30 | 163.64 | 3527 | 1623 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.50 | 11 | 2.0 | 2981 | 5.50 | 30 | 165.00 | 5955 | 1801 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 2.21 | 10 | 2.9 | 3051 | 4.20 | 40 | 168.00 | 8988 | 2290 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |

0.75 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 0.93 | 9.4 | 1.2 | 2990 | 3.11 | 60 | 186.32 | 3699 | 1838 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 1.54 | 9.4 | 2.1 | 3185 | 3.11 | 60 | 186.32 | 6541 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 0.74 | 8.9 | 1.0 | 3577 | 7.88 | 25 | 196.88 | 3507 | 1659 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 0.74 | 8.0 | 1.0 | 3487 | 5.45 | 40 | 218.18 | 3456 | 1659 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 1.10 | 8.0 | 1.5 | 3686 | 5.50 | 40 | 220.00 | 5431 | 1838 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 1.91 | 8.0 | 2.5 | 3882 | 5.50 | 40 | 220.00 | 9864 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 0.75 | 7.4 | 1.0 | 3984 | 7.88 | 30 | 236.25 | 3985 | 1659 | HW030+NMRV-P075 | 80A4 | HW030+NMRV-P075 | 56C |
| 0.81 | 6.9 | 1.1 | 3851 | 4.20 | 60 | 252.00 | 4148 | 1838 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 1.35 | 6.9 | 1.8 | 4115 | 4.20 | 60 | 252.00 | 7394 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 0.87 | 6.4 | 1.2 | 4348 | 5.50 | 50 | 275.00 | 5073 | 1838 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 1.48 | 6.4 | 2.0 | 4608 | 5.50 | 50 | 275.00 | 9108 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 0.82 | 5.7 | 1.1 | 4766 | 6.09 | 50 | 304.55 | 5191 | 1838 | HW040+NMRV-P090 | 80A4 | HW040+NMRV-P090 | 56C |
| 1.38 | 5.7 | 1.8 | 5062 | 6.09 | 50 | 304.55 | 9332 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 1.14 | 5.3 | 1.5 | 5218 | 5.50 | 60 | 330.00 | 7966 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 0.99 | 4.6 | 1.3 | 6272 | 7.67 | 50 | 383.33 | 8291 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 0.79 | 4.0 | 1.0 | 6336 | 5.50 | 80 | 440.00 | 6635 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 0.90 | 3.8 | 1.2 | 7056 | 7.67 | 60 | 460.00 | 8488 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |
| 0.75 | 3.3 | 1.0 | 7976 | 8.75 | 60 | 525.00 | 8006 | 2319 | HW040+NMRV-P110 | 80A4 | HW040+NMRV-P110 | 56C |

1 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|---------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 2.29 | 79 | 2.3 | 670 | 2.94 | 7.5 | 22.08 | 1537 | 705 | HW030+NMRV-P063 | 80B4 | HW030+NMRV-P063 | 56C/143/145TC |
| 3.23 | 79 | 3.2 | 660 | 2.94 | 7.5 | 22.08 | 2132 | 833 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 1.94 | 60 | 1.9 | 865 | 3.87 | 7.5 | 29.00 | 1682 | 772 | HW030+NMRV-P063 | 80B4 | HW030+NMRV-P063 | 56C/143/145TC |
| 2.78 | 60 | 2.8 | 856 | 3.87 | 7.5 | 29.00 | 2377 | 911 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 1.54 | 45 | 1.5 | 1099 | 3.87 | 10 | 38.67 | 1691 | 850 | HW030+NMRV-P063 | 80B4 | HW030+NMRV-P063 | 56C/143/145TC |
| 2.22 | 45 | 2.2 | 1113 | 3.87 | 10 | 38.67 | 2468 | 1003 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 3.54 | 42 | 3.5 | 1235 | 4.20 | 10 | 42.00 | 4371 | 1142 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 3.54 | 42 | 3.5 | 1235 | 4.20 | 10 | 42.00 | 4371 | 1442 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.37 | 40 | 1.4 | 1222 | 2.94 | 15 | 44.17 | 1671 | 889 | HW030+NMRV-P063 | 80B4 | HW030+NMRV-P063 | 56C/143/145TC |
| 2.12 | 40 | 2.1 | 1253 | 2.94 | 15 | 44.17 | 2657 | 1049 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 3.40 | 38 | 3.4 | 1348 | 3.11 | 15 | 46.58 | 4583 | 1182 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 1.35 | 37 | 1.4 | 1339 | 4.75 | 10 | 47.50 | 1812 | 911 | HW030+NMRV-P063 | 80B4 | HW030+NMRV-P063 | 56C/143/145TC |
| 1.95 | 37 | 2.0 | 1355 | 4.75 | 10 | 47.50 | 2645 | 1075 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 1.17 | 30 | 1.2 | 1565 | 3.87 | 15 | 58.00 | 1829 | 973 | HW030+NMRV-P063 | 80B4 | HW030+NMRV-P063 | 56C/143/145TC |
| 1.81 | 30 | 1.8 | 1605 | 3.87 | 15 | 58.00 | 2908 | 1148 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 3.90 | 28 | 3.9 | 1775 | 3.11 | 20 | 62.11 | 6929 | 1643 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 2.85 | 28 | 2.8 | 1780 | 4.20 | 15 | 63.00 | 5068 | 1307 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 1.03 | 25 | 1.0 | 1897 | 4.75 | 15 | 71.25 | 1960 | 1042 | HW030+NMRV-P063 | 80B4 | HW030+NMRV-P063 | 56C/143/145TC |
| 1.60 | 25 | 1.6 | 1947 | 4.75 | 15 | 71.25 | 3116 | 1230 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 1.49 | 23 | 1.5 | 2055 | 3.87 | 20 | 77.33 | 3056 | 1264 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 1.88 | 23 | 1.9 | 2083 | 3.11 | 25 | 77.63 | 3926 | 1401 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 3.39 | 23 | 3.4 | 2165 | 3.11 | 25 | 77.63 | 7332 | 1770 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.47 | 21 | 1.5 | 2218 | 5.45 | 15 | 81.82 | 3263 | 1288 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 2.13 | 21 | 2.1 | 2285 | 4.20 | 20 | 84.00 | 4861 | 1438 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 3.54 | 21 | 3.5 | 2344 | 4.20 | 20 | 84.00 | 8299 | 1817 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.32 | 20 | 1.3 | 2177 | 2.94 | 30 | 88.33 | 2872 | 1322 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 2.07 | 19 | 2.1 | 2377 | 3.11 | 30 | 93.16 | 4923 | 1489 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |

1 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|---------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 3.36 | 19 | 3.4 | 2416 | 3.11 | 30 | 93.16 | 8114 | 1881 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.36 | 18 | 1.4 | 2482 | 4.75 | 20 | 95.00 | 3365 | 1354 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 3.14 | 17 | 3.1 | 2856 | 4.20 | 25 | 105.00 | 8973 | 1958 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.25 | 16 | 1.2 | 2820 | 5.45 | 20 | 109.09 | 3524 | 1418 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 1.81 | 16 | 1.8 | 2942 | 5.50 | 20 | 110.00 | 5317 | 1574 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 1.14 | 15 | 1.1 | 2759 | 3.87 | 30 | 116.00 | 3143 | 1447 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 1.75 | 14 | 1.8 | 3107 | 4.20 | 30 | 126.00 | 5444 | 1646 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 3.12 | 14 | 3.1 | 3139 | 4.20 | 30 | 126.00 | 9809 | 2080 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.48 | 13 | 1.5 | 3533 | 5.50 | 25 | 137.50 | 5233 | 1695 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 2.26 | 13 | 2.3 | 3677 | 5.50 | 25 | 137.50 | 8300 | 2142 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.01 | 12 | 1.0 | 3325 | 4.75 | 30 | 142.50 | 3368 | 1550 | HW030+NMRV-P075 | 80B4 | HW030+NMRV-P075 | 56C/143/145TC |
| 1.17 | 11 | 1.2 | 3539 | 3.11 | 50 | 155.26 | 4137 | 1765 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 1.98 | 11 | 2.0 | 3690 | 3.11 | 50 | 155.26 | 7324 | 2230 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.50 | 11 | 1.5 | 3975 | 5.50 | 30 | 165.00 | 5955 | 1801 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 2.21 | 10 | 2.2 | 4068 | 4.20 | 40 | 168.00 | 8988 | 2290 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.54 | 9.4 | 1.5 | 4247 | 3.11 | 60 | 186.32 | 6541 | 2319 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.10 | 8.0 | 1.1 | 4915 | 5.50 | 40 | 220.00 | 5431 | 1838 | HW040+NMRV-P090 | 80B4 | HW040+NMRV-P090 | 56C/143/145TC |
| 1.91 | 8.0 | 1.9 | 5176 | 5.50 | 40 | 220.00 | 9864 | 2319 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.35 | 6.9 | 1.3 | 5486 | 4.20 | 60 | 252.00 | 7394 | 2319 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.48 | 6.4 | 1.5 | 6144 | 5.50 | 50 | 275.00 | 9108 | 2319 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.38 | 5.7 | 1.4 | 6750 | 6.09 | 50 | 304.55 | 9332 | 2319 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.14 | 5.3 | 1.1 | 6957 | 5.50 | 60 | 330.00 | 7966 | 2319 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |
| 0.99 | 4.6 | 1.0 | 8363 | 7.67 | 50 | 383.33 | 8291 | 2319 | HW040+NMRV-P110 | 80B4 | HW040+NMRV-P110 | 56C/143/145TC |

1.5 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|---------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 2.29 | 79 | 1.5 | 1006 | 2.94 | 7.5 | 22.08 | 1537 | 705 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C/143/145TC |
| 3.23 | 79 | 2.2 | 991 | 2.94 | 7.5 | 22.08 | 2132 | 833 | HW030+NMRV-P075 | - | HW030+NMRV-P075 | 56C/143/145TC |
| 5.22 | 75 | 3.5 | 1054 | 3.11 | 7.5 | 23.29 | 3670 | 938 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 5.22 | 75 | 3.5 | 1069 | 3.11 | 7.5 | 23.29 | 3722 | 1185 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.94 | 60 | 1.3 | 1297 | 3.87 | 7.5 | 29.00 | 1682 | 772 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C/143/145TC |
| 2.78 | 60 | 1.9 | 1284 | 3.87 | 7.5 | 29.00 | 2377 | 911 | HW030+NMRV-P075 | - | HW030+NMRV-P075 | 56C/143/145TC |
| 4.39 | 56 | 2.9 | 1393 | 3.11 | 10 | 31.05 | 4073 | 1032 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 5.22 | 56 | 3.5 | 1393 | 3.11 | 10 | 31.05 | 4849 | 1304 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.54 | 45 | 1.0 | 1649 | 3.87 | 10 | 38.67 | 1691 | 850 | HW030+NMRV-P063 | - | HW030+NMRV-P063 | 56C/143/145TC |
| 2.22 | 45 | 1.5 | 1669 | 3.87 | 10 | 38.67 | 2468 | 1003 | HW030+NMRV-P075 | - | HW030+NMRV-P075 | 56C/143/145TC |
| 3.54 | 42 | 2.4 | 1852 | 4.20 | 10 | 42.00 | 4371 | 1142 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 3.54 | 42 | 2.4 | 1852 | 4.20 | 10 | 42.00 | 4371 | 1442 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 2.12 | 40 | 1.4 | 1880 | 2.94 | 15 | 44.17 | 2657 | 1049 | HW030+NMRV-P075 | - | HW030+NMRV-P075 | 56C/143/145TC |
| 3.40 | 38 | 2.3 | 2022 | 3.11 | 15 | 46.58 | 4583 | 1182 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 5.22 | 38 | 3.5 | 2046 | 3.11 | 15 | 46.58 | 7122 | 1493 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.95 | 37 | 1.3 | 2033 | 4.75 | 10 | 47.50 | 2645 | 1075 | HW030+NMRV-P075 | - | HW030+NMRV-P075 | 56C/143/145TC |
| 1.81 | 30 | 1.2 | 2408 | 3.87 | 15 | 58.00 | 2908 | 1148 | HW030+NMRV-P075 | - | HW030+NMRV-P075 | 56C/143/145TC |
| 3.90 | 28 | 2.6 | 2663 | 3.11 | 20 | 62.11 | 6929 | 1643 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 2.85 | 28 | 1.9 | 2670 | 4.20 | 15 | 63.00 | 5068 | 1307 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 1.60 | 25 | 1.1 | 2921 | 4.75 | 15 | 71.25 | 3116 | 1230 | HW030+NMRV-P075 | - | HW030+NMRV-P075 | 56C/143/145TC |
| 1.49 | 23 | 1.0 | 3083 | 3.87 | 20 | 77.33 | 3056 | 1264 | HW030+NMRV-P075 | - | HW030+NMRV-P075 | 56C/143/145TC |
| 1.88 | 23 | 1.3 | 3125 | 3.11 | 25 | 77.63 | 3926 | 1401 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |

1.5 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|---------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 3.39 | 23 | 2.3 | 3247 | 3.11 | 25 | 77.63 | 7332 | 1770 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.47 | 21 | 1.0 | 3326 | 5.45 | 15 | 81.82 | 3263 | 1288 | HW030+NMRV-P075 | - | HW030+NMRV-P075 | 56C/143/145TC |
| 2.13 | 21 | 1.4 | 3428 | 4.20 | 20 | 84.00 | 4861 | 1438 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 3.54 | 21 | 2.4 | 3516 | 4.20 | 20 | 84.00 | 8299 | 1817 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 2.07 | 19 | 1.4 | 3565 | 3.11 | 30 | 93.16 | 4923 | 1489 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 3.36 | 19 | 2.2 | 3625 | 3.11 | 30 | 93.16 | 8114 | 1881 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 3.14 | 17 | 2.1 | 4285 | 4.20 | 25 | 105.00 | 8973 | 1958 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.81 | 16 | 1.2 | 4413 | 5.50 | 20 | 110.00 | 5317 | 1574 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 1.75 | 14 | 1.2 | 4661 | 4.20 | 30 | 126.00 | 5444 | 1646 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 3.12 | 14 | 2.1 | 4709 | 4.20 | 30 | 126.00 | 9809 | 2080 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.48 | 13 | 1.0 | 5300 | 5.50 | 25 | 137.50 | 5233 | 1695 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 2.26 | 13 | 1.5 | 5516 | 5.50 | 25 | 137.50 | 8300 | 2142 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.98 | 11 | 1.3 | 5536 | 3.11 | 50 | 155.26 | 7324 | 2230 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.50 | 11 | 1.0 | 5962 | 5.50 | 30 | 165.00 | 5955 | 1801 | HW040+NMRV-P090 | 90S4 | HW040+NMRV-P090 | 56C/143/145TC |
| 2.21 | 10 | 1.5 | 6102 | 4.20 | 40 | 168.00 | 8988 | 2290 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.54 | 9.4 | 1.0 | 6371 | 3.11 | 60 | 186.32 | 6541 | 2319 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.91 | 8.0 | 1.3 | 7764 | 5.50 | 40 | 220.00 | 9864 | 2319 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 1.48 | 6.4 | 1.0 | 9216 | 5.50 | 50 | 275.00 | 9108 | 2319 | HW040+NMRV-P110 | 90S4 | HW040+NMRV-P110 | 56C/143/145TC |
| 5.07 | 29 | 3.4 | 2525 | 2.42 | 25 | 60.50 | 8537 | 2131 | PC090+NMRV130 | 90S4 | PC090+NMRV130 | 56C/143/145TC |
| 5.01 | 24 | 3.3 | 2858 | 2.42 | 30 | 72.60 | 9547 | 2264 | PC090+NMRV130 | 90S4 | PC090+NMRV130 | 56C/143/145TC |
| 3.95 | 18 | 2.6 | 3661 | 2.42 | 40 | 96.80 | 9639 | 2492 | PC090+NMRV130 | 90S4 | PC090+NMRV130 | 56C/143/145TC |
| 3.07 | 14 | 2.0 | 4389 | 2.42 | 50 | 121.00 | 8996 | 2685 | PC090+NMRV130 | 90S4 | PC090+NMRV130 | 56C/143/145TC |
| 2.47 | 12 | 1.6 | 5027 | 2.42 | 60 | 145.20 | 8262 | 2853 | PC090+NMRV130 | 90S4 | PC090+NMRV130 | 56C/143/145TC |
| 1.86 | 9.0 | 1.2 | 6204 | 2.42 | 80 | 193.60 | 7711 | 3034 | PC090+NMRV130 | 90S4 | PC090+NMRV130 | 56C/143/145TC |
| 1.50 | 7.2 | 1.0 | 6870 | 2.42 | 100 | 242.00 | 6875 | 3034 | PC080+NMRV130 | 90S4 | PC080+NMRV130 | 56C/143/145TC |

2 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 5.22 | 75 | 2.6 | 1406 | 3.11 | 7.5 | 23.29 | 3670 | 938 | HW040+NMRV-P090 | 90L4 | HW040+NMRV-P090 | 143/145TC |
| 5.22 | 75 | 2.6 | 1426 | 3.11 | 7.5 | 23.29 | 3722 | 1185 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 4.39 | 56 | 2.2 | 1857 | 3.11 | 10 | 31.05 | 4073 | 1032 | HW040+NMRV-P090 | 90L4 | HW040+NMRV-P090 | 143/145TC |
| 5.22 | 56 | 2.6 | 1857 | 3.11 | 10 | 31.05 | 4849 | 1304 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 3.54 | 42 | 1.8 | 2469 | 4.20 | 10 | 42.00 | 4371 | 1142 | HW040+NMRV-P090 | 90L4 | HW040+NMRV-P090 | 143/145TC |
| 3.54 | 42 | 1.8 | 2469 | 4.20 | 10 | 42.00 | 4371 | 1442 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 3.40 | 38 | 1.7 | 2695 | 3.11 | 15 | 46.58 | 4583 | 1182 | HW040+NMRV-P090 | 90L4 | HW040+NMRV-P090 | 143/145TC |
| 5.22 | 38 | 2.6 | 2728 | 3.11 | 15 | 46.58 | 7122 | 1493 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 3.90 | 28 | 2.0 | 3550 | 3.11 | 20 | 62.11 | 6929 | 1643 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 2.85 | 28 | 1.4 | 3560 | 4.20 | 15 | 63.00 | 5068 | 1307 | HW040+NMRV-P090 | 90L4 | HW040+NMRV-P090 | 143/145TC |
| 3.39 | 23 | 1.7 | 4330 | 3.11 | 25 | 77.63 | 7332 | 1770 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 2.13 | 21 | 1.1 | 4570 | 4.20 | 20 | 84.00 | 4861 | 1438 | HW040+NMRV-P090 | 90L4 | HW040+NMRV-P090 | 143/145TC |
| 3.54 | 21 | 1.8 | 4688 | 4.20 | 20 | 84.00 | 8299 | 1817 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 2.07 | 19 | 1.0 | 4754 | 3.11 | 30 | 93.16 | 4923 | 1489 | HW040+NMRV-P090 | 90L4 | HW040+NMRV-P090 | 143/145TC |
| 3.36 | 19 | 1.7 | 4833 | 3.11 | 30 | 93.16 | 8114 | 1881 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 3.14 | 17 | 1.6 | 5713 | 4.20 | 25 | 105.00 | 8973 | 1958 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 3.12 | 14 | 1.6 | 6278 | 4.20 | 30 | 126.00 | 9809 | 2080 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 2.26 | 13 | 1.1 | 7355 | 5.50 | 25 | 137.50 | 8300 | 2142 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 1.98 | 11 | 1.0 | 7381 | 3.11 | 50 | 155.26 | 7324 | 2230 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 2.21 | 10 | 1.1 | 8136 | 4.20 | 40 | 168.00 | 8988 | 2290 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |

2 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 1.91 | 8.0 | 1.0 | 10352 | 5.50 | 40 | 220.00 | 9864 | 2319 | HW040+NMRV-P110 | 90L4 | HW040+NMRV-P110 | 143/145TC |
| 4.96 | 29 | 2.5 | 3443 | 2.42 | 25 | 60.50 | 8537 | 2131 | PC090+NMRV130 | 90L4 | PC090+NMRV130 | 143/145TC |
| 4.90 | 24 | 2.4 | 3897 | 2.42 | 30 | 72.60 | 9547 | 2264 | PC090+NMRV130 | 90L4 | PC090+NMRV130 | 143/145TC |
| 3.86 | 18 | 1.9 | 4992 | 2.42 | 40 | 96.80 | 9639 | 2492 | PC090+NMRV130 | 90L4 | PC090+NMRV130 | 143/145TC |
| 3.01 | 14 | 1.5 | 5985 | 2.42 | 50 | 121.00 | 8996 | 2685 | PC090+NMRV130 | 90L4 | PC090+NMRV130 | 143/145TC |
| 2.41 | 12 | 1.2 | 6855 | 2.42 | 60 | 145.20 | 8262 | 2853 | PC090+NMRV130 | 90L4 | PC090+NMRV130 | 143/145TC |
| 1.92 | 9.0 | 1.0 | 8123 | 2.42 | 80 | 193.60 | 7804 | 3034 | PC090+NMRV130 | 90L4 | PC090+NMRV130 | 143/145TC |

3 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 5.22 | 75 | 1.7 | 2109 | 3.11 | 7.5 | 23.29 | 3670 | 938 | HW040+NMRV-P090 | - | HW040+NMRV-P090 | 182/184TC |
| 5.22 | 75 | 1.7 | 2138 | 3.11 | 7.5 | 23.29 | 3722 | 1185 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 4.39 | 56 | 1.5 | 2786 | 3.11 | 10 | 31.05 | 4073 | 1032 | HW040+NMRV-P090 | - | HW040+NMRV-P090 | 182/184TC |
| 5.22 | 56 | 1.7 | 2786 | 3.11 | 10 | 31.05 | 4849 | 1304 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 3.54 | 42 | 1.2 | 3704 | 4.20 | 10 | 42.00 | 4371 | 1142 | HW040+NMRV-P090 | - | HW040+NMRV-P090 | 182/184TC |
| 3.54 | 42 | 1.2 | 3704 | 4.20 | 10 | 42.00 | 4371 | 1442 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 3.40 | 38 | 1.1 | 4043 | 3.11 | 15 | 46.58 | 4583 | 1182 | HW040+NMRV-P090 | - | HW040+NMRV-P090 | 182/184TC |
| 5.22 | 38 | 1.7 | 4092 | 3.11 | 15 | 46.58 | 7122 | 1493 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 3.90 | 28 | 1.3 | 5326 | 3.11 | 20 | 62.11 | 6929 | 1643 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 3.39 | 23 | 1.1 | 6494 | 3.11 | 25 | 77.63 | 7332 | 1770 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 3.54 | 21 | 1.2 | 7031 | 4.20 | 20 | 84.00 | 8299 | 1817 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 3.36 | 19 | 1.1 | 7249 | 3.11 | 30 | 93.16 | 8114 | 1881 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 3.14 | 17 | 1.0 | 8569 | 4.20 | 25 | 105.00 | 8973 | 1958 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 3.12 | 14 | 1.0 | 9418 | 4.20 | 30 | 126.00 | 9809 | 2080 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |

5 HP

| Maximum Power HP | Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Ratio i | Max. Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|------------------|-------------------|----------------------|---------------|---------------|---------|--------------------|----------------------|-----------------|-------|-----------------|-------------|
| | | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 5.22 | 75 | 1.0 | 3515 | 3.11 | 7.5 | 23.29 | 3670 | 938 | HW040+NMRV-P090 | - | HW040+NMRV-P090 | 182/184TC |
| 5.22 | 75 | 1.0 | 3564 | 3.11 | 7.5 | 23.29 | 3722 | 1185 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 5.22 | 56 | 1.0 | 4643 | 3.11 | 10 | 31.05 | 4849 | 1304 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |
| 5.22 | 38 | 1.0 | 6820 | 3.11 | 15 | 46.58 | 7122 | 1493 | HW040+NMRV-P110 | - | HW040+NMRV-P110 | 182/184TC |

Helical Worm Gear Reducer Ratings - Input Speed 1750 rpm

| Maximum Torque in-lbs | Output Speed RPM | Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------|---------------------|---------------------|--------------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1537 | 79 | 22.08 | 2.29 | 1165 | - | HW30+NMRV-P063 | - |
| 1682 | 60 | 29.00 | 1.94 | 1275 | - | HW30+NMRV-P063 | - |
| 1691 | 45 | 38.67 | 1.54 | 1402 | - | HW30+NMRV-P063 | - |
| 1671 | 40 | 44.17 | 1.37 | 1467 | - | HW30+NMRV-P063 | - |
| 1812 | 37 | 47.50 | 1.35 | 1503 | - | HW30+NMRV-P063 | - |
| 1829 | 30 | 58.00 | 1.17 | 1605 | - | HW30+NMRV-P063 | - |
| 1960 | 25 | 71.25 | 1.03 | 1721 | - | HW30+NMRV-P063 | - |
| 1816 | 23 | 77.33 | 0.91 | 1767 | - | HW30+NMRV-P063 | - |
| 2052 | 21 | 81.82 | 0.95 | 1801 | - | HW30+NMRV-P063 | - |
| 1778 | 20 | 88.33 | 0.85 | 1848 | - | HW30+NMRV-P063 | - |
| 1997 | 18 | 95.00 | 0.83 | 1893 | - | HW30+NMRV-P063 | - |
| 2098 | 16 | 109.09 | 0.76 | 1983 | - | HW30+NMRV-P063 | - |
| 2319 | 15 | 118.13 | 0.76 | 2036 | - | HW30+NMRV-P063 | - |
| 1912 | 13 | 136.36 | 0.58 | 2136 | - | HW30+NMRV-P063 | - |
| 2085 | 12 | 142.50 | 0.66 | 2167 | - | HW30+NMRV-P063 | - |
| 2308 | 11 | 157.50 | 0.60 | 2241 | - | HW30+NMRV-P063 | - |
| 2183 | 11 | 163.64 | 0.61 | 2270 | - | HW30+NMRV-P063 | - |
| 1490 | 9.9 | 176.67 | 0.43 | 2319 | - | HW30+NMRV-P063 | - |
| 2097 | 8.9 | 196.88 | 0.45 | 2319 | - | HW30+NMRV-P063 | - |
| 2115 | 8.0 | 218.18 | 0.47 | 2319 | - | HW30+NMRV-P063 | - |
| 2467 | 7.4 | 236.25 | 0.49 | 2319 | - | HW30+NMRV-P063 | - |
| 1958 | 6.4 | 272.73 | 0.38 | 2319 | - | HW30+NMRV-P063 | - |
| 2298 | 5.6 | 315.00 | 0.37 | 2319 | - | HW30+NMRV-P063 | - |
| 2089 | 4.4 | 393.75 | 0.29 | 2319 | - | HW30+NMRV-P063 | - |
| 2391 | 4.0 | 433.33 | 0.29 | 2319 | - | HW30+NMRV-P063 | - |
| 1895 | 3.7 | 472.50 | 0.24 | 2319 | - | HW30+NMRV-P063 | - |
| 2166 | 3.2 | 541.67 | 0.22 | 2319 | - | HW30+NMRV-P063 | - |
| 1957 | 2.7 | 650.00 | 0.18 | 2319 | - | HW30+NMRV-P063 | - |
| 1145 | 2.2 | 787.50 | 0.11 | 2319 | - | HW30+NMRV-P063 | - |
| 1457 | 2.0 | 866.67 | 0.12 | 2319 | - | HW30+NMRV-P063 | - |
| 1145 | 1.6 | 1083.33 | 0.08 | 2319 | - | HW30+NMRV-P063 | - |
| 2132 | 79 | 22.08 | 3.23 | 1165 | - | HW30+NMRV-P075 | - |
| 2377 | 60 | 29.00 | 2.77 | 1275 | - | HW30+NMRV-P075 | - |
| 2468 | 45 | 38.67 | 2.22 | 1402 | - | HW30+NMRV-P075 | - |
| 2657 | 40 | 44.17 | 2.12 | 1467 | - | HW30+NMRV-P075 | - |
| 2645 | 37 | 47.50 | 1.95 | 1503 | - | HW30+NMRV-P075 | - |
| 2908 | 30 | 58.00 | 1.81 | 1605 | - | HW30+NMRV-P075 | - |
| 3116 | 25 | 71.25 | 1.60 | 1721 | - | HW30+NMRV-P075 | - |
| 3056 | 23 | 77.33 | 1.49 | 1767 | - | HW30+NMRV-P075 | - |
| 3263 | 21 | 81.82 | 1.47 | 1801 | - | HW30+NMRV-P075 | - |
| 2872 | 20 | 88.33 | 1.32 | 1848 | - | HW30+NMRV-P075 | - |
| 3365 | 18 | 95.00 | 1.36 | 1893 | - | HW30+NMRV-P075 | - |
| 3524 | 16 | 109.09 | 1.25 | 1983 | - | HW30+NMRV-P075 | - |
| 3143 | 15 | 116.00 | 1.14 | 2023 | - | HW30+NMRV-P075 | - |
| 3182 | 13 | 136.36 | 0.94 | 2136 | - | HW30+NMRV-P075 | - |
| 3368 | 12 | 142.50 | 1.01 | 2167 | - | HW30+NMRV-P075 | - |
| 3080 | 11 | 154.67 | 0.90 | 2226 | - | HW30+NMRV-P075 | - |
| 3527 | 11 | 163.64 | 0.93 | 2270 | - | HW30+NMRV-P075 | - |
| 2491 | 9.9 | 176.67 | 0.69 | 2319 | - | HW30+NMRV-P075 | - |
| 3507 | 8.9 | 196.88 | 0.73 | 2319 | - | HW30+NMRV-P075 | - |
| 3456 | 8.0 | 218.18 | 0.74 | 2319 | - | HW30+NMRV-P075 | - |
| 3985 | 7.4 | 236.25 | 0.75 | 2319 | - | HW30+NMRV-P075 | - |
| 3189 | 6.4 | 272.73 | 0.59 | 2319 | - | HW30+NMRV-P075 | - |
| 3797 | 5.6 | 315.00 | 0.58 | 2319 | - | HW30+NMRV-P075 | - |
| 3415 | 4.4 | 393.75 | 0.46 | 2319 | - | HW30+NMRV-P075 | - |

| Maximum Torque in-lbs | Output Speed RPM | Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------|---------------------|---------------------|--------------------|-----------------|-----------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 3238 | 3.7 | 472.50 | 0.38 | 2319 | - | HW30+NMRV-P075 | - |
| 3061 | 3.2 | 541.67 | 0.30 | 2319 | - | HW30+NMRV-P075 | - |
| 3351 | 2.7 | 650.00 | 0.29 | 2319 | - | HW30+NMRV-P075 | - |
| 1973 | 2.2 | 787.50 | 0.18 | 2319 | - | HW30+NMRV-P075 | - |
| 2526 | 2.0 | 866.67 | 0.19 | 2319 | - | HW30+NMRV-P075 | - |
| 2009 | 1.6 | 1083.33 | 0.14 | 2319 | - | HW30+NMRV-P075 | - |
| 3670 | 75 | 23.29 | 5.22 | 1185 | 67 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4073 | 56 | 31.05 | 4.38 | 1304 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4371 | 42 | 42.00 | 3.54 | 1442 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4583 | 38 | 46.58 | 3.40 | 1493 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5068 | 28 | 63.00 | 2.85 | 1651 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3926 | 23 | 77.63 | 1.88 | 1770 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4861 | 21 | 84.00 | 2.13 | 1817 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4923 | 19 | 93.16 | 2.07 | 1881 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5317 | 16 | 110.00 | 1.81 | 1988 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5444 | 14 | 126.00 | 1.75 | 2080 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5233 | 13 | 137.50 | 1.48 | 2142 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4137 | 11 | 155.26 | 1.17 | 2230 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5955 | 11 | 165.00 | 1.50 | 2276 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3699 | 9.4 | 186.32 | 0.93 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5431 | 8.0 | 220.00 | 1.10 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4148 | 6.9 | 252.00 | 0.81 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5073 | 6.4 | 275.00 | 0.87 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5191 | 5.7 | 304.55 | 0.82 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4449 | 5.3 | 330.00 | 0.68 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5416 | 4.6 | 383.33 | 0.69 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5524 | 4.0 | 437.50 | 0.62 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4724 | 3.8 | 460.00 | 0.54 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4810 | 3.3 | 525.00 | 0.49 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3770 | 2.9 | 613.33 | 0.36 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3826 | 2.5 | 700.00 | 0.32 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3109 | 2.3 | 766.67 | 0.26 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3129 | 2.0 | 875.00 | 0.23 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3722 | 75 | 23.29 | 5.22 | 1185 | 67 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 4849 | 56 | 31.05 | 5.22 | 1304 | 67 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 4371 | 42 | 42.00 | 3.54 | 1442 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7122 | 38 | 46.58 | 5.22 | 1493 | 67 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 6929 | 28 | 62.11 | 3.90 | 1643 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7332 | 23 | 77.63 | 3.39 | 1770 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8299 | 21 | 84.00 | 3.54 | 1817 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8114 | 19 | 93.16 | 3.36 | 1881 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8973 | 17 | 105.00 | 3.14 | 1958 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 9809 | 14 | 126.00 | 3.12 | 2080 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8300 | 13 | 137.50 | 2.26 | 2142 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7324 | 11 | 155.26 | 1.98 | 2230 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8988 | 10 | 168.00 | 2.21 | 2290 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 6541 | 9.4 | 186.32 | 1.54 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 9864 | 8.0 | 220.00 | 1.90 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7394 | 6.9 | 252.00 | 1.35 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 9108 | 6.4 | 275.00 | 1.48 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 9332 | 5.7 | 304.55 | 1.38 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7966 | 5.3 | 330.00 | 1.14 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8291 | 4.6 | 383.33 | 0.99 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 6635 | 4.0 | 440.00 | 0.79 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8488 | 3.8 | 460.00 | 0.90 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8006 | 3.3 | 525.00 | 0.75 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7020 | 2.9 | 613.33 | 0.61 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7141 | 2.5 | 700.00 | 0.55 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------|---------------------|---------------------|--------------------|-----------------|-----------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 5643 | 2.3 | 766.67 | 0.43 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 5679 | 2.0 | 875.00 | 0.39 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |

Helical Worm Gear Reducer Ratings - Input Speed 1140 rpm

| Maximum Torque in-lbs | Output Speed RPM | Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------|---------------------|---------------------|--------------------|-----------------|-------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1773 | 52 | 22.08 | 1.76 | 1343 | - | HW30+NMRV-P063 | - |
| 1940 | 39 | 29.00 | 1.49 | 1471 | - | HW30+NMRV-P063 | - |
| 1951 | 29 | 38.67 | 1.18 | 1618 | - | HW30+NMRV-P063 | - |
| 1927 | 26 | 44.17 | 1.06 | 1693 | - | HW30+NMRV-P063 | - |
| 2090 | 24 | 47.50 | 1.03 | 1734 | - | HW30+NMRV-P063 | - |
| 2109 | 20 | 58.00 | 0.90 | 1852 | - | HW30+NMRV-P063 | - |
| 2260 | 16 | 71.25 | 0.79 | 1985 | - | HW30+NMRV-P063 | - |
| 2152 | 15 | 77.33 | 0.73 | 2038 | - | HW30+NMRV-P063 | - |
| 2367 | 14 | 81.82 | 0.73 | 2078 | - | HW30+NMRV-P063 | - |
| 2050 | 13 | 88.33 | 0.67 | 2132 | - | HW30+NMRV-P063 | - |
| 2270 | 12 | 95.00 | 0.63 | 2184 | - | HW30+NMRV-P063 | - |
| 2336 | 10 | 109.09 | 0.57 | 2287 | - | HW30+NMRV-P063 | - |
| 2329 | 9.7 | 118.13 | 0.50 | 2319 | - | HW30+NMRV-P063 | - |
| 2122 | 8.4 | 136.36 | 0.43 | 2319 | - | HW30+NMRV-P063 | - |
| 2404 | 8.0 | 142.50 | 0.51 | 2319 | - | HW30+NMRV-P063 | - |
| 2478 | 7.2 | 157.50 | 0.42 | 2319 | - | HW30+NMRV-P063 | - |
| 2518 | 7.0 | 163.64 | 0.47 | 2319 | - | HW30+NMRV-P063 | - |
| 1715 | 6.5 | 176.67 | 0.35 | 2319 | - | HW30+NMRV-P063 | - |
| 2224 | 5.8 | 196.88 | 0.32 | 2319 | - | HW30+NMRV-P063 | - |
| 2320 | 5.2 | 218.18 | 0.35 | 2319 | - | HW30+NMRV-P063 | - |
| 2845 | 4.8 | 236.25 | 0.37 | 2319 | - | HW30+NMRV-P063 | - |
| 2106 | 4.2 | 272.73 | 0.28 | 2319 | - | HW30+NMRV-P063 | - |
| 2416 | 3.6 | 315.00 | 0.26 | 2319 | - | HW30+NMRV-P063 | - |
| 2187 | 2.9 | 393.75 | 0.20 | 2319 | - | HW30+NMRV-P063 | - |
| 2474 | 2.6 | 433.33 | 0.20 | 2319 | - | HW30+NMRV-P063 | - |
| 1973 | 2.4 | 472.50 | 0.17 | 2319 | - | HW30+NMRV-P063 | - |
| 2236 | 2.1 | 541.67 | 0.15 | 2319 | - | HW30+NMRV-P063 | - |
| 2012 | 1.8 | 650.00 | 0.13 | 2319 | - | HW30+NMRV-P063 | - |
| 1187 | 1.4 | 787.50 | 0.08 | 2319 | - | HW30+NMRV-P063 | - |
| 1488 | 1.3 | 866.67 | 0.08 | 2319 | - | HW30+NMRV-P063 | - |
| 1187 | 1.1 | 1083.33 | 0.06 | 2319 | - | HW30+NMRV-P063 | - |
| 2505 | 52 | 22.08 | 2.51 | 1343 | - | HW30+NMRV-P075 | - |
| 2498 | 39 | 29.00 | 1.92 | 1471 | - | HW30+NMRV-P075 | - |
| 2847 | 29 | 38.67 | 1.70 | 1618 | - | HW30+NMRV-P075 | - |
| 3065 | 26 | 44.17 | 1.65 | 1693 | - | HW30+NMRV-P075 | - |
| 3050 | 24 | 47.50 | 1.49 | 1734 | - | HW30+NMRV-P075 | - |
| 3354 | 20 | 58.00 | 1.40 | 1852 | - | HW30+NMRV-P075 | - |
| 3594 | 16 | 71.25 | 1.23 | 1985 | - | HW30+NMRV-P075 | - |
| 3622 | 15 | 77.33 | 1.19 | 2038 | - | HW30+NMRV-P075 | - |
| 3657 | 14 | 81.82 | 1.09 | 2078 | - | HW30+NMRV-P075 | - |
| 3312 | 13 | 88.33 | 1.04 | 2132 | - | HW30+NMRV-P075 | - |
| 3856 | 12 | 95.00 | 1.04 | 2184 | - | HW30+NMRV-P075 | - |
| 3972 | 10 | 109.09 | 0.94 | 2287 | - | HW30+NMRV-P075 | - |
| 3625 | 9.8 | 116.00 | 0.89 | 2319 | - | HW30+NMRV-P075 | - |
| 3550 | 8.4 | 136.36 | 0.70 | 2319 | - | HW30+NMRV-P075 | - |
| 3884 | 8.0 | 142.50 | 0.79 | 2319 | - | HW30+NMRV-P075 | - |
| 3553 | 7.4 | 154.67 | 0.71 | 2319 | - | HW30+NMRV-P075 | - |
| 4067 | 7.0 | 163.64 | 0.72 | 2319 | - | HW30+NMRV-P075 | - |
| 2899 | 6.5 | 176.67 | 0.56 | 2319 | - | HW30+NMRV-P075 | - |
| 3607 | 5.8 | 196.88 | 0.50 | 2319 | - | HW30+NMRV-P075 | - |
| 3834 | 5.2 | 218.18 | 0.55 | 2319 | - | HW30+NMRV-P075 | - |
| 4011 | 4.8 | 236.25 | 0.50 | 2319 | - | HW30+NMRV-P075 | - |
| 3445 | 4.2 | 272.73 | 0.43 | 2319 | - | HW30+NMRV-P075 | - |
| 4006 | 3.6 | 315.00 | 0.41 | 2319 | - | HW30+NMRV-P075 | - |
| 3581 | 2.9 | 393.75 | 0.32 | 2319 | - | HW30+NMRV-P075 | - |

| Maximum Torque in-lbs | Output Speed RPM | Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------|---------------------|---------------------|--------------------|-----------------|-----------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 3381 | 2.4 | 472.50 | 0.27 | 2319 | - | HW30+NMRV-P075 | - |
| 3227 | 2.1 | 541.67 | 0.21 | 2319 | - | HW30+NMRV-P075 | - |
| 3451 | 1.8 | 650.00 | 0.20 | 2319 | - | HW30+NMRV-P075 | - |
| 2021 | 1.4 | 787.50 | 0.12 | 2319 | - | HW30+NMRV-P075 | - |
| 2587 | 1.3 | 866.67 | 0.13 | 2319 | - | HW30+NMRV-P075 | - |
| 2049 | 1.1 | 1083.33 | 0.09 | 2319 | - | HW30+NMRV-P075 | - |
| 3615 | 49 | 23.29 | 3.40 | 1367 | 67 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4698 | 37 | 31.05 | 3.37 | 1505 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4391 | 27 | 42.00 | 2.36 | 1664 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5286 | 24 | 46.58 | 2.64 | 1722 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5845 | 18 | 63.00 | 2.19 | 1905 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4990 | 15 | 77.63 | 1.61 | 2042 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5607 | 14 | 84.00 | 1.64 | 2096 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5678 | 12 | 93.16 | 1.63 | 2170 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 6133 | 10 | 110.00 | 1.38 | 2294 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 6279 | 9.0 | 126.00 | 1.36 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5923 | 8.3 | 137.50 | 1.11 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4873 | 7.3 | 155.26 | 0.95 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 6869 | 6.9 | 165.00 | 1.16 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4299 | 6.1 | 186.32 | 0.75 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 6264 | 5.2 | 220.00 | 0.85 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4592 | 4.5 | 252.00 | 0.61 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5496 | 4.1 | 275.00 | 0.64 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5574 | 3.7 | 304.55 | 0.59 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4788 | 3.5 | 330.00 | 0.50 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5726 | 3.0 | 383.33 | 0.49 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5798 | 2.6 | 437.50 | 0.44 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4972 | 2.5 | 460.00 | 0.38 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 5030 | 2.2 | 525.00 | 0.34 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3979 | 1.9 | 613.33 | 0.25 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 4034 | 1.6 | 700.00 | 0.22 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3200 | 1.5 | 766.67 | 0.18 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3226 | 1.3 | 875.00 | 0.16 | 2319 | 90 | HW40+NMRV-P090 | IHW40+NMRV-P090 |
| 3639 | 49 | 23.29 | 3.40 | 1367 | 67 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 4738 | 37 | 31.05 | 3.40 | 1505 | 67 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 4391 | 27 | 42.00 | 2.36 | 1664 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 6900 | 24 | 46.58 | 3.40 | 1722 | 67 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8973 | 18 | 62.11 | 3.40 | 1896 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 9527 | 15 | 77.63 | 2.96 | 2042 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8277 | 14 | 84.00 | 2.36 | 2096 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 10382 | 12 | 93.16 | 2.95 | 2170 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 10080 | 11 | 105.00 | 2.36 | 2258 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 10898 | 9.0 | 126.00 | 2.36 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8472 | 8.3 | 137.50 | 1.53 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8752 | 7.3 | 155.26 | 1.62 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 10555 | 6.8 | 168.00 | 1.76 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7682 | 6.1 | 186.32 | 1.25 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 11140 | 5.2 | 220.00 | 1.45 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8699 | 4.5 | 252.00 | 1.08 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 10353 | 4.1 | 275.00 | 1.13 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 10196 | 3.7 | 304.55 | 1.01 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 9092 | 3.5 | 330.00 | 0.88 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8386 | 3.0 | 383.33 | 0.67 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7607 | 2.6 | 440.00 | 0.61 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 9376 | 2.5 | 460.00 | 0.67 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 8114 | 2.2 | 525.00 | 0.51 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7882 | 1.9 | 613.33 | 0.46 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 7969 | 1.6 | 700.00 | 0.41 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------|---------------------|---------------------|--------------------|-----------------|-----------------|
| | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 6606 | 1.5 | 766.67 | 0.34 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |
| 6658 | 1.3 | 875.00 | 0.30 | 2319 | 112 | HW40+NMRV-P110 | IHW40+NMRV-P110 |

Double Worm Gearmotor Ratings - Motor Speed 1750 rpm

0.08 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|--------------|-------|--------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.6 | 180 | 10 | 10 | 100 | 283 | 338 | NMRV 025/030 | 56A4 | - | - |
| 18 | 3.4 | 185 | 10 | 10 | 100 | 628 | 651 | NMRV 025/040 | 56A4 | - | - |
| 12 | 1.1 | 233 | 7.5 | 20 | 150 | 248 | 387 | NMRV 025/030 | 56A4 | - | - |
| 12 | 2.3 | 255 | 7.5 | 20 | 150 | 575 | 745 | NMRV 025/040 | 56A4 | - | - |
| 8.8 | 1.7 | 332 | 10 | 20 | 200 | 575 | 784 | NMRV 025/040 | 56A4 | - | - |
| 7.0 | 1.4 | 391 | 10 | 25 | 250 | 540 | 784 | NMRV 025/040 | 56A4 | - | - |
| 5.8 | 1.5 | 426 | 10 | 30 | 300 | 646 | 784 | NMRV 025/040 | 56A4 | - | - |
| 4.4 | 1.0 | 600 | 20 | 20 | 400 | 575 | 784 | NMRV 025/040 | 56A4 | - | - |

0.12 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|--------------|-------|--------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.0 | 271 | 10 | 10 | 100 | 283 | 338 | NMRV 025/030 | 56B4 | - | - |
| 18 | 2.3 | 278 | 10 | 10 | 100 | 628 | 651 | NMRV 025/040 | 56B4 | - | - |
| 12 | 1.5 | 382 | 7.5 | 20 | 150 | 575 | 745 | NMRV 025/040 | 56B4 | - | - |
| 8.8 | 1.2 | 498 | 10 | 20 | 200 | 575 | 784 | NMRV 025/040 | 56B4 | - | - |
| 5.8 | 1.0 | 638 | 10 | 30 | 300 | 646 | 784 | NMRV 025/040 | 56B4 | - | - |

0.16 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.7 | 370 | 10 | 10 | 100 | 628 | 651 | NMRV 025/040 | 56C4 | - | - |
| 12 | 1.1 | 510 | 7.5 | 20 | 150 | 575 | 745 | NMRV 025/040 | 56C4 | - | - |
| 18 | 1.8 | 359 | 10 | 10 | 100 | 628 | 784 | NMRV030/040 | 63A4 | NMRV030/040 | 48C |
| 18 | 3.2 | 377 | 10 | 10 | 100 | 1212 | 1076 | NMRV040/050 | 63A4 | NMRV040/050 | 56C |
| 18 | 3.3 | 368 | 10 | 10 | 100 | 1212 | 1076 | NMRV030/050 | 63A4 | NMRV030/050 | 48C |
| 18 | 3.3 | 373 | 10 | 10 | 100 | 1248 | 1407 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 12 | 1.3 | 509 | 10 | 15 | 150 | 637 | 785 | NMRV030/040 | 63A4 | NMRV030/040 | 48C |
| 12 | 2.3 | 522 | 10 | 15 | 150 | 1194 | 1088 | NMRV040/050 | 63A4 | NMRV040/050 | 56C |
| 12 | 2.3 | 509 | 10 | 15 | 150 | 1194 | 1088 | NMRV030/050 | 63A4 | NMRV030/050 | 48C |
| 12 | 3.3 | 521 | 10 | 15 | 150 | 1745 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 8.8 | 1.6 | 656 | 10 | 20 | 200 | 1062 | 1088 | NMRV040/050 | 63A4 | NMRV040/050 | 56C |
| 8.8 | 1.7 | 641 | 10 | 20 | 200 | 1062 | 1088 | NMRV030/050 | 63A4 | NMRV030/050 | 48C |
| 8.8 | 3.3 | 669 | 10 | 20 | 200 | 2239 | 1410 | NMRV-P040/063 | 63A4 | NMRV-P040/063 | 56C |
| 8.8 | 3.3 | 654 | 10 | 20 | 200 | 2187 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 7.0 | 1.3 | 771 | 10 | 25 | 250 | 973 | 1088 | NMRV040/050 | 63A4 | NMRV040/050 | 56C |
| 7.0 | 1.3 | 753 | 10 | 25 | 250 | 973 | 1088 | NMRV030/050 | 63A4 | NMRV030/050 | 48C |
| 7.0 | 2.6 | 800 | 10 | 25 | 250 | 2044 | 1410 | NMRV-P040/063 | 63A4 | NMRV-P040/063 | 56C |
| 7.0 | 2.6 | 781 | 10 | 25 | 250 | 2044 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 7.0 | 4.1 | 825 | 10 | 25 | 250 | 3359 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 5.8 | 1.5 | 852 | 10 | 30 | 300 | 1283 | 1088 | NMRV040/050 | 63A4 | NMRV040/050 | 56C |
| 5.8 | 1.5 | 832 | 10 | 30 | 300 | 1283 | 1088 | NMRV030/050 | 63A4 | NMRV030/050 | 48C |

0.16 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 5.8 | 2.9 | 872 | 10 | 30 | 300 | 2531 | 1410 | NMRV-P040/063 | 63A4 | NMRV-P040/063 | 56C |
| 5.8 | 2.8 | 794 | 7.5 | 40 | 300 | 2259 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 5.8 | 4.3 | 916 | 10 | 30 | 300 | 3970 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 4.4 | 1.1 | 1019 | 10 | 40 | 400 | 1097 | 1088 | NMRV040/050 | 63A4 | NMRV040/050 | 56C |
| 4.4 | 1.1 | 995 | 10 | 40 | 400 | 1097 | 1088 | NMRV030/050 | 63A4 | NMRV030/050 | 48C |
| 4.4 | 2.1 | 1058 | 10 | 40 | 400 | 2259 | 1410 | NMRV-P040/063 | 63A4 | NMRV-P040/063 | 56C |
| 4.4 | 2.2 | 1033 | 10 | 40 | 400 | 2259 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 4.4 | 3.3 | 1123 | 10 | 40 | 400 | 3664 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 4.4 | 4.5 | 1210 | 10 | 40 | 400 | 5399 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 3.5 | 1.4 | 1487 | 20 | 25 | 500 | 2044 | 1410 | NMRV-P040/063 | 63A4 | NMRV-P040/063 | 56C |
| 3.5 | 1.7 | 1204 | 10 | 50 | 500 | 2103 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 3.5 | 2.6 | 1274 | 10 | 50 | 500 | 3257 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 3.5 | 3.1 | 1629 | 20 | 25 | 500 | 5045 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 3.5 | 3.6 | 1372 | 10 | 50 | 500 | 4956 | 1839 | NMRV-P040/090 | 63A4 | NMRV-P040/090 | 56C |
| 2.9 | 1.6 | 1621 | 20 | 30 | 600 | 2531 | 1410 | NMRV-P040/063 | 63A4 | NMRV-P040/063 | 56C |
| 2.9 | 1.7 | 1518 | 20 | 30 | 600 | 2531 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 2.9 | 2.3 | 1703 | 20 | 30 | 600 | 3970 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 2.9 | 3.5 | 1785 | 20 | 30 | 600 | 6196 | 1839 | NMRV-P040/090 | 63A4 | NMRV-P040/090 | 56C |
| 2.9 | 3.4 | 1807 | 20 | 30 | 600 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 2.3 | 1.3 | 1949 | 25 | 30 | 750 | 2531 | 1410 | NMRV-P040/063 | 63A4 | NMRV-P040/063 | 56C |
| 2.3 | 1.4 | 1769 | 25 | 30 | 750 | 2531 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 2.3 | 1.9 | 2048 | 25 | 30 | 750 | 3970 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 2.3 | 2.9 | 2146 | 25 | 30 | 750 | 6196 | 1839 | NMRV-P040/090 | 63A4 | NMRV-P040/090 | 56C |
| 2.3 | 2.8 | 2174 | 25 | 30 | 750 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 1.9 | 1.2 | 2031 | 30 | 30 | 900 | 2531 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 1.9 | 1.7 | 2295 | 30 | 30 | 900 | 3970 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 1.9 | 2.6 | 2406 | 30 | 30 | 900 | 6196 | 1839 | NMRV-P040/090 | 63A4 | NMRV-P040/090 | 56C |
| 1.9 | 2.5 | 2474 | 30 | 30 | 900 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 1.9 | 4.4 | 2557 | 30 | 30 | 900 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 1.9 | 1.2 | 2185 | 30 | 30 | 900 | 2531 | 1410 | NMRV-P040/063 | 63A4 | NMRV-P040/063 | 56C |
| 1.5 | 1.0 | 2462 | 40 | 30 | 1200 | 2531 | 1410 | NMRV-P030/063 | 63A4 | NMRV-P030/063 | 48C |
| 1.5 | 1.4 | 2845 | 40 | 30 | 1200 | 3970 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 1.5 | 2.0 | 3072 | 40 | 30 | 1200 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 1.5 | 2.1 | 2982 | 40 | 30 | 1200 | 6196 | 1839 | NMRV-P040/090 | 63A4 | NMRV-P040/090 | 56C |
| 1.5 | 3.5 | 3240 | 40 | 30 | 1200 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 1.5 | 3.7 | 3057 | 40 | 30 | 1200 | 11196 | 2320 | NMRV-P050/110 | - | NMRV-P050/110 | 56C |
| 1.2 | 1.2 | 3395 | 50 | 30 | 1500 | 3970 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 1.2 | 1.7 | 3614 | 50 | 30 | 1500 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 1.2 | 1.7 | 3558 | 50 | 30 | 1500 | 6196 | 1839 | NMRV-P040/090 | 63A4 | NMRV-P040/090 | 56C |
| 1.2 | 2.9 | 3825 | 50 | 30 | 1500 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 1.2 | 3.1 | 3596 | 50 | 30 | 1500 | 11196 | 2320 | NMRV-P050/110 | 63A4 | NMRV-P050/110 | 56C |
| 1.2 | 4.0 | 3884 | 50 | 30 | 1500 | 15578 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 1.0 | 1.0 | 3815 | 60 | 30 | 1800 | 3970 | 1659 | NMRV-P040/075 | 63A4 | NMRV-P040/075 | 56C |
| 1.0 | 1.5 | 4066 | 60 | 30 | 1800 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 1.0 | 1.5 | 3998 | 60 | 30 | 1800 | 6196 | 1839 | NMRV-P040/090 | 63A4 | NMRV-P040/090 | 56C |
| 1.0 | 2.6 | 4334 | 60 | 30 | 1800 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 1.0 | 2.8 | 4045 | 60 | 30 | 1800 | 11196 | 2320 | NMRV-P050/110 | 63A4 | NMRV-P050/110 | 56C |
| 1.0 | 3.5 | 4401 | 60 | 30 | 1800 | 15578 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 1.0 | 3.9 | 4735 | 60 | 30 | 1800 | 18587 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |
| 0.7 | 1.1 | 5007 | 60 | 40 | 2400 | 5399 | 1839 | NMRV-P050/090 | 63A4 | NMRV-P050/090 | 56C |
| 0.7 | 1.1 | 4923 | 60 | 40 | 2400 | 5399 | 1839 | NMRV-P040/090 | 63A4 | NMRV-P040/090 | 56C |
| 0.7 | 1.9 | 5601 | 60 | 40 | 2400 | 10488 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 0.7 | 2.0 | 5228 | 60 | 40 | 2400 | 10488 | 2320 | NMRV-P050/110 | 63A4 | NMRV-P050/110 | 56C |
| 0.7 | 2.6 | 5601 | 60 | 40 | 2400 | 14603 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |

0.16 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 0.7 | 4.2 | 5690 | 60 | 40 | 2400 | 23631 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |
| 0.6 | 1.5 | 6705 | 60 | 50 | 3000 | 9736 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 0.6 | 1.6 | 6258 | 60 | 50 | 3000 | 9736 | 2320 | NMRV-P050/110 | 63A4 | NMRV-P050/110 | 56C |
| 0.6 | 2.1 | 6668 | 60 | 50 | 3000 | 13719 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 0.6 | 3.1 | 6668 | 60 | 50 | 3000 | 20622 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |
| 0.4 | 1.3 | 7510 | 80 | 50 | 4000 | 9736 | 2320 | NMRV-P050/110 | - | NMRV-P050/110 | 56C |
| 0.4 | 1.2 | 8254 | 80 | 50 | 4000 | 9736 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 0.4 | 1.7 | 8208 | 80 | 50 | 4000 | 13719 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 0.4 | 2.5 | 8208 | 80 | 50 | 4000 | 20622 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |
| 0.4 | 1.1 | 8692 | 100 | 50 | 5000 | 9736 | 2320 | NMRV-P050/110 | - | NMRV-P050/110 | 56C |
| 0.4 | 1.0 | 9301 | 100 | 50 | 5000 | 9736 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 0.4 | 1.5 | 9249 | 100 | 50 | 5000 | 13719 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 0.4 | 2.2 | 9249 | 100 | 50 | 5000 | 20622 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |

0.25 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.1 | 561 | 10 | 10 | 100 | 628 | 784 | NMRV030/040 | 63B4 | NMRV030/040 | 48C |
| 18 | 2.1 | 589 | 10 | 10 | 100 | 1212 | 1076 | NMRV040/050 | 63B4 | NMRV040/050 | 56C |
| 18 | 2.1 | 575 | 10 | 10 | 100 | 1212 | 1076 | NMRV030/050 | 63B4 | NMRV030/050 | 48C |
| 18 | 4.1 | 597 | 10 | 10 | 100 | 2434 | 1407 | NMRV-P040/063 | 63B4 | NMRV-P040/063 | 56C |
| 18 | 2.1 | 583 | 10 | 10 | 100 | 1248 | 1407 | NMRV-P030/063 | 63B4 | NMRV-P030/063 | 48C |
| 12 | 1.5 | 815 | 10 | 15 | 150 | 1194 | 1088 | NMRV040/050 | 63B4 | NMRV040/050 | 56C |
| 12 | 1.5 | 796 | 10 | 15 | 150 | 1194 | 1088 | NMRV030/050 | 63B4 | NMRV030/050 | 48C |
| 12 | 2.9 | 834 | 10 | 15 | 150 | 2404 | 1410 | NMRV-P040/063 | 63B4 | NMRV-P040/063 | 56C |
| 12 | 2.1 | 815 | 10 | 15 | 150 | 1745 | 1410 | NMRV-P030/063 | 63B4 | NMRV-P030/063 | 48C |
| 12 | 4.4 | 857 | 10 | 15 | 150 | 3766 | 1659 | NMRV-P040/075 | 63B4 | NMRV-P040/075 | 56C |
| 8.8 | 1.0 | 1026 | 10 | 20 | 200 | 1062 | 1088 | NMRV040/050 | 63B4 | NMRV040/050 | 56C |
| 8.8 | 1.1 | 1001 | 10 | 20 | 200 | 1062 | 1088 | NMRV030/050 | 63B4 | NMRV030/050 | 48C |
| 8.8 | 2.1 | 1046 | 10 | 20 | 200 | 2239 | 1410 | NMRV-P040/063 | 63B4 | NMRV-P040/063 | 56C |
| 8.8 | 2.1 | 1021 | 10 | 20 | 200 | 2187 | 1410 | NMRV-P030/063 | 63B4 | NMRV-P030/063 | 48C |
| 8.8 | 3.5 | 1077 | 10 | 20 | 200 | 3716 | 1659 | NMRV-P040/075 | 63B4 | NMRV-P040/075 | 56C |
| 7.0 | 1.6 | 1250 | 10 | 25 | 250 | 2044 | 1410 | NMRV-P040/063 | 63B4 | NMRV-P040/063 | 56C |
| 7.0 | 1.7 | 1221 | 10 | 25 | 250 | 2044 | 1410 | NMRV-P030/063 | 63B4 | NMRV-P030/063 | 48C |
| 7.0 | 2.6 | 1288 | 10 | 25 | 250 | 3359 | 1659 | NMRV-P040/075 | 63B4 | NMRV-P040/075 | 56C |
| 7.0 | 3.6 | 1384 | 10 | 25 | 250 | 5045 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 7.0 | 3.7 | 1352 | 10 | 25 | 250 | 5045 | 1839 | NMRV-P040/090 | 63B4 | NMRV-P040/090 | 56C |
| 5.8 | 1.9 | 1362 | 10 | 30 | 300 | 2531 | 1410 | NMRV-P040/063 | 63B4 | NMRV-P040/063 | 56C |
| 5.8 | 1.8 | 1240 | 7.5 | 40 | 300 | 2259 | 1410 | NMRV-P030/063 | 63B4 | NMRV-P030/063 | 48C |
| 5.8 | 2.8 | 1431 | 10 | 30 | 300 | 3970 | 1659 | NMRV-P040/075 | 63B4 | NMRV-P040/075 | 56C |
| 5.8 | 4.1 | 1500 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P040/090 | 63B4 | NMRV-P040/090 | 56C |
| 5.8 | 4.0 | 1535 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 4.4 | 1.4 | 1653 | 10 | 40 | 400 | 2259 | 1410 | NMRV-P040/063 | 63B4 | NMRV-P040/063 | 56C |
| 4.4 | 1.4 | 1614 | 10 | 40 | 400 | 2259 | 1410 | NMRV-P030/063 | 63B4 | NMRV-P030/063 | 48C |
| 4.4 | 2.1 | 1755 | 10 | 40 | 400 | 3664 | 1659 | NMRV-P040/075 | 63B4 | NMRV-P040/075 | 56C |
| 4.4 | 2.9 | 1891 | 10 | 40 | 400 | 5399 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 4.4 | 2.9 | 1847 | 10 | 40 | 400 | 5399 | 1839 | NMRV-P040/090 | 63B4 | NMRV-P040/090 | 56C |
| 3.5 | 1.1 | 1881 | 10 | 50 | 500 | 2103 | 1410 | NMRV-P030/063 | 63B4 | NMRV-P030/063 | 48C |
| 3.5 | 1.6 | 1990 | 10 | 50 | 500 | 3257 | 1659 | NMRV-P040/075 | 63B4 | NMRV-P040/075 | 56C |

0.25 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 3.5 | 2.0 | 2545 | 20 | 25 | 500 | 5045 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 3.5 | 2.3 | 2143 | 10 | 50 | 500 | 4956 | 1839 | NMRV-P040/090 | 63B4 | NMRV-P040/090 | 56C |
| 3.5 | 3.8 | 2741 | 20 | 25 | 500 | 10382 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 3.5 | 3.9 | 2653 | 20 | 25 | 500 | 10382 | 2320 | NMRV-P050/110 | - | NMRV-P050/110 | 56C |
| 2.9 | 1.1 | 2372 | 20 | 30 | 600 | 2531 | 1410 | NMRV-P030/063 | 63B4 | NMRV-P030/063 | 48C |
| 2.9 | 1.5 | 2660 | 20 | 30 | 600 | 3970 | 1659 | NMRV-P040/075 | 63B4 | NMRV-P040/075 | 56C |
| 2.9 | 2.2 | 2788 | 20 | 30 | 600 | 6196 | 1839 | NMRV-P040/090 | 63B4 | NMRV-P040/090 | 56C |
| 2.9 | 2.2 | 2824 | 20 | 30 | 600 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 2.9 | 4.0 | 2809 | 20 | 30 | 600 | 11196 | 2320 | NMRV-P050/110 | - | NMRV-P050/110 | 56C |
| 2.9 | 3.9 | 2902 | 20 | 30 | 600 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 2.3 | 1.2 | 3199 | 25 | 30 | 750 | 3970 | 1659 | NMRV-P040/075 | 63B4 | NMRV-P040/075 | 56C |
| 2.3 | 1.8 | 3353 | 25 | 30 | 750 | 6196 | 1839 | NMRV-P040/090 | 63B4 | NMRV-P040/090 | 56C |
| 2.3 | 1.8 | 3397 | 25 | 30 | 750 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 2.3 | 3.2 | 3505 | 25 | 30 | 750 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 2.3 | 3.3 | 3380 | 25 | 30 | 750 | 11196 | 2320 | NMRV-P050/110 | - | NMRV-P050/110 | 56C |
| 2.3 | 4.4 | 3559 | 25 | 30 | 750 | 15578 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 1.9 | 1.1 | 3587 | 30 | 30 | 900 | 3970 | 1659 | NMRV-P040/075 | 63B4 | NMRV-P040/075 | 56C |
| 1.9 | 1.6 | 3759 | 30 | 30 | 900 | 6196 | 1839 | NMRV-P040/090 | 63B4 | NMRV-P040/090 | 56C |
| 1.9 | 1.6 | 3865 | 30 | 30 | 900 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 1.9 | 2.8 | 3996 | 30 | 30 | 900 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 1.9 | 2.9 | 3845 | 30 | 30 | 900 | 11196 | 2320 | NMRV-P050/110 | - | NMRV-P050/110 | 56C |
| 1.9 | 3.8 | 4057 | 30 | 30 | 900 | 15578 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 1.9 | 4.3 | 4365 | 30 | 30 | 900 | 18587 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |
| 1.5 | 1.3 | 4800 | 40 | 30 | 1200 | 6196 | 1839 | NMRV-P050/090 | - | NMRV-P050/090 | 56C |
| 1.5 | 1.3 | 4659 | 40 | 30 | 1200 | 6196 | 1839 | NMRV-P040/090 | 63B4 | NMRV-P040/090 | 56C |
| 1.5 | 2.2 | 5062 | 40 | 30 | 1200 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 1.5 | 2.3 | 4776 | 40 | 30 | 1200 | 11196 | 2320 | NMRV-P050/110 | - | NMRV-P050/110 | 56C |
| 1.5 | 3.0 | 5140 | 40 | 30 | 1200 | 15578 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 1.2 | 1.9 | 5976 | 50 | 30 | 1500 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 1.2 | 2.0 | 5619 | 50 | 30 | 1500 | 11196 | 2320 | NMRV-P050/110 | 63B4 | NMRV-P050/110 | 56C |
| 1.2 | 2.6 | 6068 | 50 | 30 | 1500 | 15578 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 1.2 | 1.1 | 5559 | 50 | 30 | 1500 | 6196 | 1839 | NMRV-P040/090 | 63B4 | NMRV-P040/090 | 56C |
| 1.2 | 1.1 | 5647 | 50 | 30 | 1500 | 6196 | 1839 | NMRV-P050/090 | 63B4 | NMRV-P050/090 | 56C |
| 1.0 | 1.7 | 6773 | 60 | 30 | 1800 | 11196 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 1.0 | 1.8 | 6321 | 60 | 30 | 1800 | 11196 | 2320 | NMRV-P050/110 | 63B4 | NMRV-P050/110 | 56C |
| 1.0 | 2.3 | 6877 | 60 | 30 | 1800 | 15578 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 1.0 | 2.5 | 7398 | 60 | 30 | 1800 | 18587 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |
| 0.7 | 1.2 | 8752 | 60 | 40 | 2400 | 10488 | 2320 | NMRV-P063/110 | - | NMRV-P063/110 | 56C |
| 0.7 | 1.3 | 8169 | 60 | 40 | 2400 | 10488 | 2320 | NMRV-P050/110 | 63B4 | NMRV-P050/110 | 56C |
| 0.7 | 1.7 | 8752 | 60 | 40 | 2400 | 14603 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 0.7 | 2.7 | 8891 | 60 | 40 | 2400 | 23631 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |
| 0.6 | 1.3 | 10419 | 60 | 50 | 3000 | 13719 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 0.6 | 2.0 | 10419 | 60 | 50 | 3000 | 20622 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |
| 0.4 | 1.6 | 12826 | 80 | 50 | 4000 | 20622 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |
| 0.4 | 1.1 | 12826 | 80 | 50 | 4000 | 13719 | 3035 | NMRV-P063/130 | - | NMRV-P063/130 | 56C |
| 0.4 | 1.4 | 14452 | 100 | 50 | 5000 | 20622 | 4047 | NMRV-P063/150 | - | NMRV-P063/150 | 56C |

0.33 HP

| Output Speed RPM | Service Factor | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|----------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.6 | 778 | 10 | 10 | 100 | 1212 | 1076 | NMRV040/050 | 63D4 / 71A4 | NMRV040/050 | 56C |
| 18 | 1.6 | 760 | 10 | 10 | 100 | 1212 | 1076 | NMRV030/050 | 63D4 | NMRV030/050 | 48C |
| 18 | 3.1 | 788 | 10 | 10 | 100 | 2434 | 1407 | NMRV-P040/063 | 63D4 / 71A4 | NMRV-P040/063 | 56C |
| 18 | 1.6 | 769 | 10 | 10 | 100 | 1248 | 1407 | NMRV-P030/063 | 63D4 | NMRV-P030/063 | 48C |
| 18 | 3.7 | 818 | 10 | 10 | 100 | 2998 | 1838 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 18 | 3.7 | 798 | 10 | 10 | 100 | 2924 | 1659 | NMRV-P040/075 | 63D4 / 71A4 | NMRV-P040/075 | 56C |
| 12 | 1.1 | 1076 | 10 | 15 | 150 | 1194 | 1088 | NMRV040/050 | 63D4 / 71A4 | NMRV040/050 | 56C |
| 12 | 1.1 | 1051 | 10 | 15 | 150 | 1194 | 1088 | NMRV030/050 | 63D4 | NMRV030/050 | 48C |
| 12 | 2.2 | 1101 | 10 | 15 | 150 | 2404 | 1410 | NMRV-P040/063 | 63D4 / 71A4 | NMRV-P040/063 | 56C |
| 12 | 1.6 | 1075 | 10 | 15 | 150 | 1745 | 1410 | NMRV-P030/063 | 63D4 | NMRV-P030/063 | 48C |
| 12 | 3.3 | 1132 | 10 | 15 | 150 | 3766 | 1659 | NMRV-P040/075 | 63D4 / 71A4 | NMRV-P040/075 | 56C |
| 12 | 3.7 | 1162 | 10 | 15 | 150 | 4256 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 8.8 | 1.6 | 1381 | 10 | 20 | 200 | 2239 | 1410 | NMRV-P040/063 | 63D4 / 71A4 | NMRV-P040/063 | 56C |
| 8.8 | 1.6 | 1348 | 10 | 20 | 200 | 2187 | 1410 | NMRV-P030/063 | 63D4 | NMRV-P030/063 | 48C |
| 8.8 | 2.6 | 1421 | 10 | 20 | 200 | 3716 | 1659 | NMRV-P040/075 | 63D4 / 71A4 | NMRV-P040/075 | 56C |
| 8.8 | 3.5 | 1524 | 10 | 20 | 200 | 5399 | 1839 | NMRV-P050/090 | 71A4 | NMRV-P050/090 | 56C |
| 8.8 | 3.6 | 1488 | 10 | 20 | 200 | 5399 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 7.0 | 1.2 | 1650 | 10 | 25 | 250 | 2044 | 1410 | NMRV-P040/063 | 63D4 / 71A4 | NMRV-P040/063 | 56C |
| 7.0 | 1.3 | 1611 | 10 | 25 | 250 | 2044 | 1410 | NMRV-P030/063 | 63D4 | NMRV-P030/063 | 48C |
| 7.0 | 2.0 | 1701 | 10 | 25 | 250 | 3359 | 1659 | NMRV-P040/075 | 63D4 / 71A4 | NMRV-P040/075 | 56C |
| 7.0 | 2.8 | 1827 | 10 | 25 | 250 | 5045 | 1839 | NMRV-P050/090 | 71A4 | NMRV-P050/090 | 56C |
| 7.0 | 2.8 | 1785 | 10 | 25 | 250 | 5045 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 5.8 | 1.4 | 1798 | 10 | 30 | 300 | 2531 | 1410 | NMRV-P040/063 | 63D4 / 71A4 | NMRV-P040/063 | 56C |
| 5.8 | 1.4 | 1637 | 7.5 | 40 | 300 | 2259 | 1410 | NMRV-P030/063 | 63D4 | NMRV-P030/063 | 48C |
| 5.8 | 2.1 | 1889 | 10 | 30 | 300 | 3970 | 1659 | NMRV-P040/075 | 63D4 / 71A4 | NMRV-P040/075 | 56C |
| 5.8 | 3.1 | 1980 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 5.8 | 3.1 | 2027 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P050/090 | 71A4 | NMRV-P050/090 | 56C |
| 4.4 | 1.0 | 2182 | 10 | 40 | 400 | 2259 | 1410 | NMRV-P040/063 | 63D4 / 71A4 | NMRV-P040/063 | 56C |
| 4.4 | 1.1 | 2131 | 10 | 40 | 400 | 2259 | 1410 | NMRV-P030/063 | 63D4 | NMRV-P030/063 | 48C |
| 4.4 | 1.6 | 2317 | 10 | 40 | 400 | 3664 | 1659 | NMRV-P040/075 | 63D4 / 71A4 | NMRV-P040/075 | 56C |
| 4.4 | 2.2 | 2496 | 10 | 40 | 400 | 5399 | 1839 | NMRV-P050/090 | 71A4 | NMRV-P050/090 | 56C |
| 4.4 | 2.2 | 2438 | 10 | 40 | 400 | 5399 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 4.4 | 4.0 | 2619 | 10 | 40 | 400 | 10488 | 2320 | NMRV-P063/110 | 71A4 | NMRV-P063/110 | 56C |
| 4.4 | 4.0 | 2606 | 10 | 40 | 400 | 10488 | 2320 | NMRV-P050/110 | 71A4 | NMRV-P050/110 | 56C |
| 3.5 | 1.2 | 2627 | 10 | 50 | 500 | 3257 | 1659 | NMRV-P040/075 | 63D4 / 71A4 | NMRV-P040/075 | 56C |
| 3.5 | 1.5 | 3360 | 20 | 25 | 500 | 5045 | 1839 | NMRV-P050/090 | 71A4 | NMRV-P050/090 | 56C |
| 3.5 | 1.8 | 2829 | 10 | 50 | 500 | 4956 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 3.5 | 2.9 | 3618 | 20 | 25 | 500 | 10382 | 2320 | NMRV-P063/110 | 71A4 | NMRV-P063/110 | 56C |
| 3.5 | 3.0 | 3502 | 20 | 25 | 500 | 10382 | 2320 | NMRV-P050/110 | 71A4 | NMRV-P050/110 | 56C |
| 3.5 | 4.4 | 3117 | 10 | 50 | 500 | 13719 | 3035 | NMRV-P063/130 | 71A4 | NMRV-P063/130 | 56C |
| 2.9 | 1.1 | 3512 | 20 | 30 | 600 | 3970 | 1659 | NMRV-P040/075 | 63D4 / 71A4 | NMRV-P040/075 | 56C |
| 2.9 | 1.7 | 3681 | 20 | 30 | 600 | 6196 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 2.9 | 1.7 | 3727 | 20 | 30 | 600 | 6196 | 1839 | NMRV-P050/090 | 71A4 | NMRV-P050/090 | 56C |
| 2.9 | 3.0 | 3708 | 20 | 30 | 600 | 11196 | 2320 | NMRV-P050/110 | 71A4 | NMRV-P050/110 | 56C |
| 2.9 | 2.9 | 3831 | 20 | 30 | 600 | 11196 | 2320 | NMRV-P063/110 | 71A4 | NMRV-P063/110 | 56C |
| 2.9 | 4.0 | 3890 | 20 | 30 | 600 | 15578 | 3035 | NMRV-P063/130 | 71A4 | NMRV-P063/130 | 56C |
| 2.3 | 1.4 | 4426 | 25 | 30 | 750 | 6196 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 2.3 | 1.4 | 4484 | 25 | 30 | 750 | 6196 | 1839 | NMRV-P050/090 | 71A4 | NMRV-P050/090 | 56C |
| 2.3 | 2.4 | 4627 | 25 | 30 | 750 | 11196 | 2320 | NMRV-P063/110 | 71A4 | NMRV-P063/110 | 56C |
| 2.3 | 2.5 | 4462 | 25 | 30 | 750 | 11196 | 2320 | NMRV-P050/110 | 71A4 | NMRV-P050/110 | 56C |
| 2.3 | 3.3 | 4698 | 25 | 30 | 750 | 15578 | 3035 | NMRV-P063/130 | 71A4 | NMRV-P063/130 | 56C |
| 1.9 | 1.2 | 4962 | 30 | 30 | 900 | 6196 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 1.9 | 1.2 | 5102 | 30 | 30 | 900 | 6196 | 1839 | NMRV-P050/090 | 71A4 | NMRV-P050/090 | 56C |
| 1.9 | 2.1 | 5274 | 30 | 30 | 900 | 11196 | 2320 | NMRV-P063/110 | 71A4 | NMRV-P063/110 | 56C |

0.33 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 1.9 | 2.2 | 5076 | 30 | 30 | 900 | 11196 | 2320 | NMRV-P050/110 | 71A4 | NMRV-P050/110 | 56C |
| 1.9 | 2.9 | 5356 | 30 | 30 | 900 | 15578 | 3035 | NMRV-P063/130 | 71A4 | NMRV-P063/130 | 56C |
| 1.9 | 3.2 | 5761 | 30 | 30 | 900 | 18587 | 4047 | NMRV-P063/150 | 71A4 | NMRV-P063/150 | 56C |
| 1.5 | 1.0 | 6150 | 40 | 30 | 1200 | 6196 | 1839 | NMRV-P040/090 | 63D4 / 71A4 | NMRV-P040/090 | 56C |
| 1.5 | 1.7 | 6682 | 40 | 30 | 1200 | 11196 | 2320 | NMRV-P063/110 | 71A4 | NMRV-P063/110 | 56C |
| 1.5 | 1.8 | 6304 | 40 | 30 | 1200 | 11196 | 2320 | NMRV-P050/110 | 63D4 / 71A4 | NMRV-P050/110 | 56C |
| 1.5 | 2.3 | 6784 | 40 | 30 | 1200 | 15578 | 3035 | NMRV-P063/130 | 71A4 | NMRV-P063/130 | 56C |
| 1.5 | 3.4 | 6924 | 30 | 40 | 1200 | 23631 | 4047 | NMRV-P063/150 | 71A4 | NMRV-P063/150 | 56C |
| 1.2 | 1.4 | 7888 | 50 | 30 | 1500 | 11196 | 2320 | NMRV-P063/110 | 71A4 | NMRV-P063/110 | 56C |
| 1.2 | 1.5 | 7417 | 50 | 30 | 1500 | 11196 | 2320 | NMRV-P050/110 | 63D4 / 71A4 | NMRV-P050/110 | 56C |
| 1.2 | 1.9 | 8010 | 50 | 30 | 1500 | 15578 | 3035 | NMRV-P063/130 | 71A4 | NMRV-P063/130 | 56C |
| 1.0 | 1.3 | 8344 | 60 | 30 | 1800 | 11196 | 2320 | NMRV-P050/110 | 63D4 / 71A4 | NMRV-P050/110 | 56C |
| 1.0 | 1.3 | 8940 | 60 | 30 | 1800 | 11196 | 2320 | NMRV-P063/110 | 71A4 | NMRV-P063/110 | 56C |
| 1.0 | 1.7 | 9077 | 60 | 30 | 1800 | 15578 | 3035 | NMRV-P063/130 | 71A4 | NMRV-P063/130 | 56C |
| 1.0 | 1.9 | 9765 | 60 | 30 | 1800 | 18587 | 4047 | NMRV-P063/150 | 71A4 | NMRV-P063/150 | 56C |
| 0.7 | 1.3 | 11553 | 60 | 40 | 2400 | 14603 | 3035 | NMRV-P063/130 | 71A4 | NMRV-P063/130 | 56C |
| 0.7 | 2.0 | 11736 | 60 | 40 | 2400 | 23631 | 4047 | NMRV-P063/150 | 71A4 | NMRV-P063/150 | 56C |
| 0.6 | 1.5 | 13753 | 60 | 50 | 3000 | 20622 | 4047 | NMRV-P063/150 | 71A4 | NMRV-P063/150 | 56C |
| 0.4 | 1.2 | 16930 | 80 | 50 | 4000 | 20622 | 4047 | NMRV-P063/150 | 71A4 | NMRV-P063/150 | 56C |
| 0.4 | 1.1 | 19077 | 100 | 50 | 5000 | 20622 | 4047 | NMRV-P063/150 | 71A4 | NMRV-P063/150 | 56C |

0.5 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.0 | 1179 | 10 | 10 | 100 | 1212 | 1076 | NMRV040/050 | 71B4 | NMRV040/050 | 56C |
| 18 | 2.0 | 1194 | 10 | 10 | 100 | 2434 | 1407 | NMRV-P040/063 | 71B4 | NMRV-P040/063 | 56C |
| 18 | 2.4 | 1209 | 10 | 10 | 100 | 2924 | 1659 | NMRV-P040/075 | 71B4 | NMRV-P040/075 | 56C |
| 18 | 2.4 | 1240 | 10 | 10 | 100 | 2998 | 1838 | NMRV-P040/090 | 71B4 | NMRV-P040/090 | 56C |
| 18 | 4.1 | 1269 | 10 | 10 | 100 | 5222 | 1838 | NMRV-P050/090 | 71B4 | NMRV-P050/090 | 56C |
| 18 | 4.2 | 1269 | 10 | 10 | 100 | 5380 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 12 | 1.4 | 1668 | 10 | 15 | 150 | 2404 | 1410 | NMRV-P040/063 | 71B4 | NMRV-P040/063 | 56C |
| 12 | 2.2 | 1714 | 10 | 15 | 150 | 3766 | 1659 | NMRV-P040/075 | 71B4 | NMRV-P040/075 | 56C |
| 12 | 3.2 | 1802 | 10 | 15 | 150 | 5842 | 1839 | NMRV-P050/090 | 71B4 | NMRV-P050/090 | 56C |
| 12 | 2.4 | 1760 | 10 | 15 | 150 | 4256 | 1839 | NMRV-P040/090 | 71B4 | NMRV-P040/090 | 56C |
| 12 | 4.2 | 1825 | 10 | 15 | 150 | 7738 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 8.8 | 1.1 | 2092 | 10 | 20 | 200 | 2239 | 1410 | NMRV-P040/063 | 71B4 | NMRV-P040/063 | 56C |
| 8.8 | 1.7 | 2153 | 10 | 20 | 200 | 3716 | 1659 | NMRV-P040/075 | 71B4 | NMRV-P040/075 | 56C |
| 8.8 | 2.3 | 2308 | 10 | 20 | 200 | 5399 | 1839 | NMRV-P050/090 | 71B4 | NMRV-P050/090 | 56C |
| 8.8 | 2.4 | 2255 | 10 | 20 | 200 | 5399 | 1839 | NMRV-P040/090 | 71B4 | NMRV-P040/090 | 56C |
| 8.8 | 4.2 | 2383 | 10 | 20 | 200 | 10081 | 2320 | NMRV-P063/110 | 71B4 | NMRV-P063/110 | 56C |
| 8.8 | 4.2 | 2371 | 10 | 20 | 200 | 10052 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 7.0 | 1.3 | 2577 | 10 | 25 | 250 | 3359 | 1659 | NMRV-P040/075 | 71B4 | NMRV-P040/075 | 56C |
| 7.0 | 1.8 | 2768 | 10 | 25 | 250 | 5045 | 1839 | NMRV-P050/090 | 71B4 | NMRV-P050/090 | 56C |
| 7.0 | 1.9 | 2704 | 10 | 25 | 250 | 5045 | 1839 | NMRV-P040/090 | 71B4 | NMRV-P040/090 | 56C |
| 7.0 | 3.6 | 2900 | 10 | 25 | 250 | 10382 | 2320 | NMRV-P063/110 | 71B4 | NMRV-P063/110 | 56C |
| 7.0 | 3.6 | 2885 | 10 | 25 | 250 | 10382 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 5.8 | 1.4 | 2862 | 10 | 30 | 300 | 3970 | 1659 | NMRV-P040/075 | 71B4 | NMRV-P040/075 | 56C |
| 5.8 | 2.1 | 3000 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P040/090 | 71B4 | NMRV-P040/090 | 56C |
| 5.8 | 2.0 | 3071 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P050/090 | 71B4 | NMRV-P050/090 | 56C |

0.5 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 5.8 | 3.6 | 3070 | 10 | 30 | 300 | 11196 | 2320 | NMRV-P063/110 | 71B4 | NMRV-P063/110 | 56C |
| 5.8 | 3.7 | 3055 | 10 | 30 | 300 | 11196 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 4.4 | 1.0 | 3510 | 10 | 40 | 400 | 3664 | 1659 | NMRV-P040/075 | 71B4 | NMRV-P040/075 | 56C |
| 4.4 | 1.4 | 3781 | 10 | 40 | 400 | 5399 | 1839 | NMRV-P050/090 | 71B4 | NMRV-P050/090 | 56C |
| 4.4 | 1.5 | 3694 | 10 | 40 | 400 | 5399 | 1839 | NMRV-P040/090 | 71B4 | NMRV-P040/090 | 56C |
| 4.4 | 2.6 | 3968 | 10 | 40 | 400 | 10488 | 2320 | NMRV-P063/110 | 71B4 | NMRV-P063/110 | 56C |
| 4.4 | 2.7 | 3948 | 10 | 40 | 400 | 10488 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 4.4 | 3.7 | 3968 | 10 | 40 | 400 | 14603 | 3035 | NMRV-P063/130 | 71B4 | NMRV-P063/130 | 56C |
| 3.5 | 1.2 | 4286 | 10 | 50 | 500 | 4956 | 1839 | NMRV-P040/090 | 71B4 | NMRV-P040/090 | 56C |
| 3.5 | 1.9 | 5482 | 20 | 25 | 500 | 10382 | 2320 | NMRV-P063/110 | 71B4 | NMRV-P063/110 | 56C |
| 3.5 | 2.0 | 5307 | 20 | 25 | 500 | 10382 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 3.5 | 2.9 | 4723 | 10 | 50 | 500 | 13719 | 3035 | NMRV-P063/130 | 71B4 | NMRV-P063/130 | 56C |
| 3.5 | 4.4 | 4723 | 10 | 50 | 500 | 20622 | 4047 | NMRV-P063/150 | 71B4 | NMRV-P063/150 | 56C |
| 2.9 | 1.1 | 5577 | 20 | 30 | 600 | 6196 | 1839 | NMRV-P040/090 | 71B4 | NMRV-P040/090 | 56C |
| 2.9 | 1.1 | 5647 | 20 | 30 | 600 | 6196 | 1839 | NMRV-P050/090 | 71B4 | NMRV-P050/090 | 56C |
| 2.9 | 2.0 | 5619 | 20 | 30 | 600 | 11196 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 2.9 | 1.9 | 5804 | 20 | 30 | 600 | 11196 | 2320 | NMRV-P063/110 | 71B4 | NMRV-P063/110 | 56C |
| 2.9 | 2.6 | 5894 | 20 | 30 | 600 | 15578 | 3035 | NMRV-P063/130 | 71B4 | NMRV-P063/130 | 56C |
| 2.9 | 4.0 | 5853 | 15 | 40 | 600 | 23631 | 4047 | NMRV-P063/150 | 71B4 | NMRV-P063/150 | 56C |
| 2.3 | 1.6 | 7011 | 25 | 30 | 750 | 11196 | 2320 | NMRV-P063/110 | 71B4 | NMRV-P063/110 | 56C |
| 2.3 | 1.7 | 6760 | 25 | 30 | 750 | 11196 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 2.3 | 2.2 | 7119 | 25 | 30 | 750 | 15578 | 3035 | NMRV-P063/130 | 71B4 | NMRV-P063/130 | 56C |
| 2.3 | 3.0 | 6859 | 15 | 50 | 750 | 20622 | 4047 | NMRV-P063/150 | 71B4 | NMRV-P063/150 | 56C |
| 1.9 | 1.4 | 7992 | 30 | 30 | 900 | 11196 | 2320 | NMRV-P063/110 | 71B4 | NMRV-P063/110 | 56C |
| 1.9 | 1.5 | 7691 | 30 | 30 | 900 | 11196 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 1.9 | 1.9 | 8115 | 30 | 30 | 900 | 15578 | 3035 | NMRV-P063/130 | 71B4 | NMRV-P063/130 | 56C |
| 1.9 | 2.1 | 8729 | 30 | 30 | 900 | 18587 | 4047 | NMRV-P063/150 | 71B4 | NMRV-P063/150 | 56C |
| 1.5 | 1.1 | 10124 | 40 | 30 | 1200 | 11196 | 2320 | NMRV-P063/110 | 71B4 | NMRV-P063/110 | 56C |
| 1.5 | 1.2 | 9552 | 40 | 30 | 1200 | 11196 | 2320 | NMRV-P050/110 | 71B4 | NMRV-P050/110 | 56C |
| 1.5 | 1.5 | 10279 | 40 | 30 | 1200 | 15578 | 3035 | NMRV-P063/130 | 71B4 | NMRV-P063/130 | 56C |
| 1.5 | 2.3 | 10491 | 30 | 40 | 1200 | 23631 | 4047 | NMRV-P063/150 | 71B4 | NMRV-P063/150 | 56C |
| 1.2 | 1.3 | 12136 | 50 | 30 | 1500 | 15578 | 3035 | NMRV-P063/130 | 71B4 | NMRV-P063/130 | 56C |
| 1.0 | 1.1 | 13753 | 60 | 30 | 1800 | 15578 | 3035 | NMRV-P063/130 | 71B4 | NMRV-P063/130 | 56C |
| 1.0 | 1.3 | 14795 | 60 | 30 | 1800 | 18587 | 4047 | NMRV-P063/150 | 71B4 | NMRV-P063/150 | 56C |
| 0.7 | 1.3 | 17782 | 60 | 40 | 2400 | 23631 | 4047 | NMRV-P063/150 | 71B4 | NMRV-P063/150 | 56C |

0.75 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.4 | 1791 | 10 | 10 | 100 | 2434 | 1407 | NMRV-P040/063 | 71C4 | NMRV-P040/063 | 56C |
| 18 | 1.6 | 1814 | 10 | 10 | 100 | 2924 | 1659 | NMRV-P040/075 | 71C4 | NMRV-P040/075 | 56C |
| 18 | 2.7 | 1904 | 10 | 10 | 100 | 5222 | 1838 | NMRV-P050/090 | 71C4 / 80A4 | NMRV-P050/090 | 56C |
| 18 | 1.6 | 1860 | 10 | 10 | 100 | 2998 | 1838 | NMRV-P040/090 | 71C4 | NMRV-P040/090 | 56C |
| 18 | 2.8 | 1904 | 10 | 10 | 100 | 5380 | 2320 | NMRV-P050/110 | 71C4 / 80A4 | NMRV-P050/110 | 56C |
| 12 | 1.5 | 2572 | 10 | 15 | 150 | 3766 | 1659 | NMRV-P040/075 | 71C4 | NMRV-P040/075 | 56C |
| 12 | 2.2 | 2703 | 10 | 15 | 150 | 5842 | 1839 | NMRV-P050/090 | 71C4 / 80A4 | NMRV-P050/090 | 56C |
| 12 | 1.6 | 2641 | 10 | 15 | 150 | 4256 | 1839 | NMRV-P040/090 | 71C4 | NMRV-P040/090 | 56C |
| 12 | 3.8 | 2751 | 10 | 15 | 150 | 10585 | 2320 | NMRV-P063/110 | 71C4 / 80A4 | NMRV-P063/110 | 56C |
| 12 | 2.8 | 2738 | 10 | 15 | 150 | 7738 | 2320 | NMRV-P050/110 | 71C4 / 80A4 | NMRV-P050/110 | 56C |
| 8.8 | 1.2 | 3230 | 10 | 20 | 200 | 3716 | 1659 | NMRV-P040/075 | 71C4 | NMRV-P040/075 | 56C |

0.75 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 8.8 | 1.6 | 3463 | 10 | 20 | 200 | 5399 | 1839 | NMRV-P050/090 | 71C4 / 80A4 | NMRV-P050/090 | 56C |
| 8.8 | 1.6 | 3383 | 10 | 20 | 200 | 5399 | 1839 | NMRV-P040/090 | 71C4 | NMRV-P040/090 | 56C |
| 8.8 | 2.8 | 3574 | 10 | 20 | 200 | 10081 | 2320 | NMRV-P063/110 | 71C4 / 80A4 | NMRV-P063/110 | 56C |
| 8.8 | 2.8 | 3557 | 10 | 20 | 200 | 10052 | 2320 | NMRV-P050/110 | 71C4 / 80A4 | NMRV-P050/110 | 56C |
| 8.8 | 4.0 | 3543 | 10 | 20 | 200 | 14161 | 3035 | NMRV-P063/130 | 71C4 / 80A4 | NMRV-P063/130 | 56C |
| 7.0 | 1.2 | 4152 | 10 | 25 | 250 | 5045 | 1839 | NMRV-P050/090 | 71C4 / 80A4 | NMRV-P050/090 | 56C |
| 7.0 | 1.2 | 4056 | 10 | 25 | 250 | 5045 | 1839 | NMRV-P040/090 | 71C4 | NMRV-P040/090 | 56C |
| 7.0 | 2.4 | 4349 | 10 | 25 | 250 | 10382 | 2320 | NMRV-P063/110 | 71C4 / 80A4 | NMRV-P063/110 | 56C |
| 7.0 | 2.4 | 4328 | 10 | 25 | 250 | 10382 | 2320 | NMRV-P050/110 | 71C4 / 80A4 | NMRV-P050/110 | 56C |
| 7.0 | 3.1 | 4310 | 10 | 25 | 250 | 13542 | 3035 | NMRV-P063/130 | 71C4 / 80A4 | NMRV-P063/130 | 56C |
| 7.0 | 4.2 | 4310 | 10 | 25 | 250 | 18144 | 4047 | NMRV-P063/150 | 71C4 / 80A4 | NMRV-P063/150 | 56C |
| 5.8 | 1.4 | 4500 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P040/090 | 71C4 | NMRV-P040/090 | 56C |
| 5.8 | 1.3 | 4606 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P050/090 | 71C4 / 80A4 | NMRV-P050/090 | 56C |
| 5.8 | 2.4 | 4605 | 10 | 30 | 300 | 11196 | 2320 | NMRV-P063/110 | 71C4 / 80A4 | NMRV-P063/110 | 56C |
| 5.8 | 2.4 | 4583 | 10 | 30 | 300 | 11196 | 2320 | NMRV-P050/110 | 71C4 / 80A4 | NMRV-P050/110 | 56C |
| 5.8 | 3.3 | 4676 | 10 | 30 | 300 | 15578 | 3035 | NMRV-P063/130 | 71C4 / 80A4 | NMRV-P063/130 | 56C |
| 5.8 | 3.6 | 5145 | 15 | 20 | 300 | 18543 | 4047 | NMRV-P063/150 | 71C4 / 80A4 | NMRV-P063/150 | 56C |
| 4.4 | 1.8 | 5951 | 10 | 40 | 400 | 10488 | 2320 | NMRV-P063/110 | 71C4 / 80A4 | NMRV-P063/110 | 56C |
| 4.4 | 1.8 | 5922 | 10 | 40 | 400 | 10488 | 2320 | NMRV-P050/110 | 71C4 / 80A4 | NMRV-P050/110 | 56C |
| 4.4 | 2.5 | 5951 | 10 | 40 | 400 | 14603 | 3035 | NMRV-P063/130 | 71C4 / 80A4 | NMRV-P063/130 | 56C |
| 4.4 | 3.9 | 6046 | 10 | 40 | 400 | 23631 | 4047 | NMRV-P063/150 | 71C4 / 80A4 | NMRV-P063/150 | 56C |
| 3.5 | 1.3 | 8223 | 20 | 25 | 500 | 10382 | 2320 | NMRV-P063/110 | 71C4 / 80A4 | NMRV-P063/110 | 56C |
| 3.5 | 1.3 | 7960 | 20 | 25 | 500 | 10382 | 2320 | NMRV-P050/110 | 71C4 / 80A4 | NMRV-P050/110 | 56C |
| 3.5 | 1.9 | 7085 | 10 | 50 | 500 | 13719 | 3035 | NMRV-P063/130 | 71C4 / 80A4 | NMRV-P063/130 | 56C |
| 3.5 | 2.9 | 7085 | 10 | 50 | 500 | 20622 | 4047 | NMRV-P063/150 | 71C4 / 80A4 | NMRV-P063/150 | 56C |
| 2.9 | 1.3 | 8428 | 20 | 30 | 600 | 11196 | 2320 | NMRV-P050/110 | 71C4 / 80A4 | NMRV-P050/110 | 56C |
| 2.9 | 1.3 | 8706 | 20 | 30 | 600 | 11196 | 2320 | NMRV-P063/110 | 71C4 / 80A4 | NMRV-P063/110 | 56C |
| 2.9 | 1.8 | 8840 | 20 | 30 | 600 | 15578 | 3035 | NMRV-P063/130 | 71C4 / 80A4 | NMRV-P063/130 | 56C |
| 2.9 | 2.7 | 8780 | 15 | 40 | 600 | 23631 | 4047 | NMRV-P063/150 | 71C4 / 80A4 | NMRV-P063/150 | 56C |
| 2.3 | 1.1 | 10516 | 25 | 30 | 750 | 11196 | 2320 | NMRV-P063/110 | 71C4 / 80A4 | NMRV-P063/110 | 56C |
| 2.3 | 1.1 | 10140 | 25 | 30 | 750 | 11196 | 2320 | NMRV-P050/110 | 71C4 / 80A4 | NMRV-P050/110 | 56C |
| 2.3 | 1.5 | 10678 | 25 | 30 | 750 | 15578 | 3035 | NMRV-P063/130 | 71C4 / 80A4 | NMRV-P063/130 | 56C |
| 2.3 | 2.0 | 10289 | 15 | 50 | 750 | 20622 | 4047 | NMRV-P063/150 | 71C4 / 80A4 | NMRV-P063/150 | 56C |
| 1.9 | 1.3 | 12172 | 30 | 30 | 900 | 15578 | 3035 | NMRV-P063/130 | 71C4 / 80A4 | NMRV-P063/130 | 56C |
| 1.9 | 1.4 | 13094 | 30 | 30 | 900 | 18587 | 4047 | NMRV-P063/150 | 71C4 / 80A4 | NMRV-P063/150 | 56C |
| 1.5 | 1.0 | 15419 | 40 | 30 | 1200 | 15578 | 3035 | NMRV-P063/130 | 71C4 / 80A4 | NMRV-P063/130 | 56C |
| 1.5 | 1.5 | 15737 | 30 | 40 | 1200 | 23631 | 4047 | NMRV-P063/150 | 71C4 / 80A4 | NMRV-P063/150 | 56C |

1 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-----------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.0 | 2388 | 10 | 10 | 100 | 2434 | 1407 | NMRV-P040/063 | - | NMRV-P040/063 | 56C |
| 18 | 1.2 | 2419 | 10 | 10 | 100 | 2924 | 1659 | NMRV-P040/075 | - | NMRV-P040/075 | 56C |
| 18 | 2.1 | 2538 | 10 | 10 | 100 | 5222 | 1838 | NMRV-P050/090 | 80B4 | NMRV-P050/090 | 56C |
| 18 | 1.2 | 2480 | 10 | 10 | 100 | 2998 | 1838 | NMRV-P040/090 | - | NMRV-P040/090 | 56C |
| 18 | 3.5 | 2551 | 10 | 10 | 100 | 8979 | 2320 | NMRV-P063/110 | 80B4 | NMRV-P063/110 | 56C / 143/145TC |
| 18 | 2.1 | 2538 | 10 | 10 | 100 | 5380 | 2320 | NMRV-P050/110 | 80B4 | NMRV-P050/110 | 56C |
| 18 | 3.5 | 2551 | 10 | 10 | 100 | 8979 | 3035 | NMRV-P063/130 | 80B4 | NMRV-P063/130 | 56C / 143/145TC |
| 12 | 1.1 | 3429 | 10 | 15 | 150 | 3766 | 1659 | NMRV-P040/075 | - | NMRV-P040/075 | 56C |
| 12 | 1.6 | 3604 | 10 | 15 | 150 | 5842 | 1839 | NMRV-P050/090 | 80B4 | NMRV-P050/090 | 56C |

1 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-----------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 12 | 1.2 | 3521 | 10 | 15 | 150 | 4256 | 1839 | NMRV-P040/090 | - | NMRV-P040/090 | 56C |
| 12 | 2.9 | 3669 | 10 | 15 | 150 | 10585 | 2320 | NMRV-P063/110 | 80B4 | NMRV-P063/110 | 56C / 143/145TC |
| 12 | 2.1 | 3651 | 10 | 15 | 150 | 7738 | 2320 | NMRV-P050/110 | 80B4 | NMRV-P050/110 | 56C |
| 12 | 3.5 | 3590 | 10 | 15 | 150 | 12637 | 3035 | NMRV-P063/130 | 80B4 | NMRV-P063/130 | 56C / 143/145TC |
| 12 | 4.5 | 3624 | 7.5 | 20 | 150 | 16145 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |
| 8.8 | 1.2 | 4617 | 10 | 20 | 200 | 5399 | 1839 | NMRV-P050/090 | 80B4 | NMRV-P050/090 | 56C |
| 8.8 | 1.2 | 4511 | 10 | 20 | 200 | 5399 | 1839 | NMRV-P040/090 | - | NMRV-P040/090 | 56C |
| 8.8 | 2.1 | 4765 | 10 | 20 | 200 | 10081 | 2320 | NMRV-P063/110 | 80B4 | NMRV-P063/110 | 56C / 143/145TC |
| 8.8 | 2.1 | 4742 | 10 | 20 | 200 | 10052 | 2320 | NMRV-P050/110 | 80B4 | NMRV-P050/110 | 56C |
| 8.8 | 3.0 | 4723 | 10 | 20 | 200 | 14161 | 3035 | NMRV-P063/130 | 80B4 | NMRV-P063/130 | 56C / 143/145TC |
| 8.8 | 3.5 | 4723 | 10 | 20 | 200 | 16627 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |
| 7.0 | 1.8 | 5799 | 10 | 25 | 250 | 10382 | 2320 | NMRV-P063/110 | 80B4 | NMRV-P063/110 | 56C / 143/145TC |
| 7.0 | 1.8 | 5771 | 10 | 25 | 250 | 10382 | 2320 | NMRV-P050/110 | 80B4 | NMRV-P050/110 | 56C |
| 7.0 | 2.4 | 5747 | 10 | 25 | 250 | 13542 | 3035 | NMRV-P063/130 | 80B4 | NMRV-P063/130 | 56C / 143/145TC |
| 7.0 | 3.2 | 5747 | 10 | 25 | 250 | 18144 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |
| 5.8 | 1.0 | 6142 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P050/090 | 80B4 | NMRV-P050/090 | 56C |
| 5.8 | 1.0 | 6000 | 10 | 30 | 300 | 6196 | 1839 | NMRV-P040/090 | - | NMRV-P040/090 | 56C |
| 5.8 | 1.8 | 6140 | 10 | 30 | 300 | 11196 | 2320 | NMRV-P063/110 | 80B4 | NMRV-P063/110 | 56C / 143/145TC |
| 5.8 | 1.8 | 6110 | 10 | 30 | 300 | 11196 | 2320 | NMRV-P050/110 | 80B4 | NMRV-P050/110 | 56C |
| 5.8 | 2.5 | 6235 | 10 | 30 | 300 | 15578 | 3035 | NMRV-P063/130 | 80B4 | NMRV-P063/130 | 56C / 143/145TC |
| 5.8 | 2.7 | 6859 | 15 | 20 | 300 | 18543 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |
| 4.4 | 1.3 | 7935 | 10 | 40 | 400 | 10488 | 2320 | NMRV-P063/110 | 80B4 | NMRV-P063/110 | 56C / 143/145TC |
| 4.4 | 1.3 | 7896 | 10 | 40 | 400 | 10488 | 2320 | NMRV-P050/110 | 80B4 | NMRV-P050/110 | 56C |
| 4.4 | 1.8 | 7935 | 10 | 40 | 400 | 14603 | 3035 | NMRV-P063/130 | 80B4 | NMRV-P063/130 | 56C / 143/145TC |
| 4.4 | 2.9 | 8061 | 10 | 40 | 400 | 23631 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |
| 3.5 | 1.5 | 9447 | 10 | 50 | 500 | 13719 | 3035 | NMRV-P063/130 | 80B4 | NMRV-P063/130 | 56C / 143/145TC |
| 3.5 | 2.2 | 9447 | 10 | 50 | 500 | 20622 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |
| 2.9 | 1.3 | 11787 | 20 | 30 | 600 | 15578 | 3035 | NMRV-P063/130 | 80B4 | NMRV-P063/130 | 56C / 143/145TC |
| 2.9 | 2.0 | 11707 | 15 | 40 | 600 | 23631 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |
| 2.3 | 1.1 | 14237 | 25 | 30 | 750 | 15578 | 3035 | NMRV-P063/130 | 80B4 | NMRV-P063/130 | 56C / 143/145TC |
| 2.3 | 1.5 | 13719 | 15 | 50 | 750 | 20622 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |
| 1.9 | 1.1 | 17459 | 30 | 30 | 900 | 18587 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |
| 1.5 | 1.1 | 20983 | 30 | 40 | 1200 | 23631 | 4047 | NMRV-P063/150 | 80B4 | NMRV-P063/150 | 56C / 143/145TC |

1.5 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------------|---------------|-----------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.4 | 3807 | 10 | 10 | 100 | 5222 | 1838 | NMRV-P050/090 | 80D4 | NMRV-P050/090 | 56C |
| 18 | 2.3 | 3826 | 10 | 10 | 100 | 8979 | 2320 | NMRV-P063/110 | 80D4 / 90S4 | NMRV-P063/110 | 56C / 143/145TC |
| 18 | 1.4 | 3807 | 10 | 10 | 100 | 5380 | 2320 | NMRV-P050/110 | 80D4 | NMRV-P050/110 | 56C |
| 18 | 2.3 | 3826 | 10 | 10 | 100 | 8979 | 3035 | NMRV-P063/130 | 80D4 / 90S4 | NMRV-P063/130 | 56C / 143/145TC |
| 12 | 1.1 | 5405 | 10 | 15 | 150 | 5842 | 1839 | NMRV-P050/090 | 80D4 | NMRV-P050/090 | 56C |
| 12 | 1.9 | 5503 | 10 | 15 | 150 | 10585 | 2320 | NMRV-P063/110 | 80D4 / 90S4 | NMRV-P063/110 | 56C / 143/145TC |
| 12 | 1.4 | 5476 | 10 | 15 | 150 | 7738 | 2320 | NMRV-P050/110 | 80D4 | NMRV-P050/110 | 56C |
| 12 | 2.3 | 5385 | 10 | 15 | 150 | 12637 | 3035 | NMRV-P063/130 | 80D4 / 90S4 | NMRV-P063/130 | 56C / 143/145TC |
| 12 | 3.0 | 5435 | 7.5 | 20 | 150 | 16145 | 4047 | NMRV-P063/150 | 80D4 / 90S4 | NMRV-P063/150 | 56C / 143/145TC |
| 8.8 | 1.4 | 7148 | 10 | 20 | 200 | 10081 | 2320 | NMRV-P063/110 | 80D4 / 90S4 | NMRV-P063/110 | 56C / 143/145TC |
| 8.8 | 1.4 | 7113 | 10 | 20 | 200 | 10052 | 2320 | NMRV-P050/110 | 80D4 | NMRV-P050/110 | 56C |
| 8.8 | 2.0 | 7085 | 10 | 20 | 200 | 14161 | 3035 | NMRV-P063/130 | 80D4 / 90S4 | NMRV-P063/130 | 56C / 143/145TC |
| 8.8 | 2.3 | 7085 | 10 | 20 | 200 | 16627 | 4047 | NMRV-P063/150 | 80D4 / 90S4 | NMRV-P063/150 | 56C / 143/145TC |

1.5 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------------|---------------|-----------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 7.0 | 1.2 | 8699 | 10 | 25 | 250 | 10382 | 2320 | NMRV-P063/110 | 80D4 / 90S4 | NMRV-P063/110 | 56C / 143/145TC |
| 7.0 | 1.2 | 8656 | 10 | 25 | 250 | 10382 | 2320 | NMRV-P050/110 | 80D4 | NMRV-P050/110 | 56C |
| 7.0 | 1.6 | 8620 | 10 | 25 | 250 | 13542 | 3035 | NMRV-P063/130 | 80D4 / 90S4 | NMRV-P063/130 | 56C / 143/145TC |
| 7.0 | 2.1 | 8620 | 10 | 25 | 250 | 18144 | 4047 | NMRV-P063/150 | 80D4 / 90S4 | NMRV-P063/150 | 56C / 143/145TC |
| 5.8 | 1.2 | 9211 | 10 | 30 | 300 | 11196 | 2320 | NMRV-P063/110 | 80D4 / 90S4 | NMRV-P063/110 | 56C / 143/145TC |
| 5.8 | 1.2 | 9165 | 10 | 30 | 300 | 11196 | 2320 | NMRV-P050/110 | 80D4 | NMRV-P050/110 | 56C |
| 5.8 | 1.7 | 9352 | 10 | 30 | 300 | 15578 | 3035 | NMRV-P063/130 | 80D4 / 90S4 | NMRV-P063/130 | 56C / 143/145TC |
| 5.8 | 1.8 | 10289 | 15 | 20 | 300 | 18543 | 4047 | NMRV-P063/150 | 80D4 / 90S4 | NMRV-P063/150 | 56C / 143/145TC |
| 4.4 | 1.2 | 11903 | 10 | 40 | 400 | 14603 | 3035 | NMRV-P063/130 | 80D4 / 90S4 | NMRV-P063/130 | 56C / 143/145TC |
| 4.4 | 2.0 | 12092 | 10 | 40 | 400 | 23631 | 4047 | NMRV-P063/150 | 80D4 / 90S4 | NMRV-P063/150 | 56C / 143/145TC |
| 3.5 | 1.5 | 14170 | 10 | 50 | 500 | 20622 | 4047 | NMRV-P063/150 | 80D4 / 90S4 | NMRV-P063/150 | 56C / 143/145TC |
| 2.9 | 1.3 | 17560 | 15 | 40 | 600 | 23631 | 4047 | NMRV-P063/150 | 80D4 / 90S4 | NMRV-P063/150 | 56C / 143/145TC |
| 2.3 | 1.0 | 20578 | 15 | 50 | 750 | 20622 | 4047 | NMRV-P063/150 | 80D4 / 90S4 | NMRV-P063/150 | 56C / 143/145TC |

2 HP

| Output Speed RPM | Service Factor sf | Output Torque in-lbs | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Torque in-lbs | OHL Output Shaft lbs | Gearmotor | | Gear Reducer | |
|------------------|-------------------|----------------------|---------------|---------------|---------------|-----------------------|----------------------|---------------|-------|---------------|-------------|
| | | | | | | | | Reducer | Motor | Reducer | NEMA C-face |
| 18 | 1.8 | 5101 | 10 | 10 | 100 | 8979 | 2320 | NMRV-P063/110 | 90L4 | NMRV-P063/110 | 143/145TC |
| 18 | 1.8 | 5101 | 10 | 10 | 100 | 8979 | 3035 | NMRV-P063/130 | 90L4 | NMRV-P063/130 | 143/145TC |
| 12 | 1.4 | 7337 | 10 | 15 | 150 | 10585 | 2320 | NMRV-P063/110 | 90L4 | NMRV-P063/110 | 143/145TC |
| 12 | 1.8 | 7180 | 10 | 15 | 150 | 12637 | 3035 | NMRV-P063/130 | 90L4 | NMRV-P063/130 | 143/145TC |
| 12 | 2.2 | 7247 | 7.5 | 20 | 150 | 16145 | 4047 | NMRV-P063/150 | 90L4 | NMRV-P063/150 | 143/145TC |
| 8.8 | 1.1 | 9531 | 10 | 20 | 200 | 10081 | 2320 | NMRV-P063/110 | 90L4 | NMRV-P063/110 | 143/145TC |
| 8.8 | 1.5 | 9447 | 10 | 20 | 200 | 14161 | 3035 | NMRV-P063/130 | 90L4 | NMRV-P063/130 | 143/145TC |
| 8.8 | 1.8 | 9447 | 10 | 20 | 200 | 16627 | 4047 | NMRV-P063/150 | 90L4 | NMRV-P063/150 | 143/145TC |
| 7.0 | 1.2 | 11494 | 10 | 25 | 250 | 13542 | 3035 | NMRV-P063/130 | 90L4 | NMRV-P063/130 | 143/145TC |
| 7.0 | 1.6 | 11494 | 10 | 25 | 250 | 18144 | 4047 | NMRV-P063/150 | 90L4 | NMRV-P063/150 | 143/145TC |
| 5.8 | 1.2 | 12470 | 10 | 30 | 300 | 15578 | 3035 | NMRV-P063/130 | 90L4 | NMRV-P063/130 | 143/145TC |
| 5.8 | 1.4 | 13719 | 15 | 20 | 300 | 18543 | 4047 | NMRV-P063/150 | 90L4 | NMRV-P063/150 | 143/145TC |
| 4.4 | 1.5 | 16123 | 10 | 40 | 400 | 23631 | 4047 | NMRV-P063/150 | 90L4 | NMRV-P063/150 | 143/145TC |
| 3.5 | 1.1 | 18894 | 10 | 50 | 500 | 20622 | 4047 | NMRV-P063/150 | 90L4 | NMRV-P063/150 | 143/145TC |
| 2.9 | 1.0 | 23413 | 15 | 40 | 600 | 23631 | 4047 | NMRV-P063/150 | 90L4 | NMRV-P063/150 | 143/145TC |

Double Worm Gear Reducer Ratings - Input Speed 3500 rpm

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 283 | 35 | 10 | 10 | 100 | 0.24 | 268 | - | NMRV025/030 | - |
| 248 | 23 | 7.5 | 20 | 150 | 0.17 | 307 | - | NMRV025/030 | - |
| 248 | 18 | 10 | 20 | 200 | 0.13 | 338 | - | NMRV025/030 | - |
| 301 | 14 | 10 | 25 | 250 | 0.14 | 364 | - | NMRV025/030 | - |
| 274 | 12 | 10 | 30 | 300 | 0.11 | 387 | - | NMRV025/030 | - |
| 248 | 8.8 | 20 | 20 | 400 | 0.07 | 411 | - | NMRV025/030 | - |
| 301 | 7.0 | 20 | 25 | 500 | 0.08 | 411 | - | NMRV025/030 | - |
| 274 | 5.8 | 20 | 30 | 600 | 0.06 | 411 | - | NMRV025/030 | - |
| 301 | 4.7 | 30 | 25 | 750 | 0.06 | 411 | - | NMRV025/030 | - |
| 274 | 3.9 | 30 | 30 | 900 | 0.04 | 411 | - | NMRV025/030 | - |
| 248 | 2.9 | 30 | 40 | 1200 | 0.03 | 411 | - | NMRV025/030 | - |
| 230 | 2.3 | 30 | 50 | 1500 | 0.03 | 411 | - | NMRV025/030 | - |
| 274 | 1.9 | 60 | 30 | 1800 | 0.03 | 411 | - | NMRV025/030 | - |
| 248 | 1.5 | 60 | 40 | 2400 | 0.02 | 411 | - | NMRV025/030 | - |
| 230 | 1.2 | 60 | 50 | 3000 | 0.02 | 411 | - | NMRV025/030 | - |
| 177 | 0.9 | 50 | 80 | 4000 | 0.01 | 411 | - | NMRV025/030 | - |
| 628 | 35 | 10 | 10 | 100 | 0.53 | 516 | - | NMRV025/040 | - |
| 575 | 23 | 7.5 | 20 | 150 | 0.35 | 591 | - | NMRV025/040 | - |
| 575 | 18 | 10 | 20 | 200 | 0.27 | 651 | - | NMRV025/040 | - |
| 540 | 14 | 10 | 25 | 250 | 0.21 | 701 | - | NMRV025/040 | - |
| 646 | 12 | 10 | 30 | 300 | 0.24 | 745 | - | NMRV025/040 | - |
| 575 | 8.8 | 20 | 20 | 400 | 0.15 | 784 | - | NMRV025/040 | - |
| 540 | 7.0 | 20 | 25 | 500 | 0.12 | 784 | - | NMRV025/040 | - |
| 646 | 5.8 | 20 | 30 | 600 | 0.13 | 784 | - | NMRV025/040 | - |
| 540 | 4.7 | 30 | 25 | 750 | 0.08 | 784 | - | NMRV025/040 | - |
| 495 | 3.9 | 15 | 60 | 900 | 0.08 | 784 | - | NMRV025/040 | - |
| 575 | 2.9 | 30 | 40 | 1200 | 0.07 | 784 | - | NMRV025/040 | - |
| 531 | 2.3 | 30 | 50 | 1500 | 0.05 | 784 | - | NMRV025/040 | - |
| 646 | 1.9 | 60 | 30 | 1800 | 0.06 | 784 | - | NMRV025/040 | - |
| 575 | 1.5 | 60 | 40 | 2400 | 0.04 | 784 | - | NMRV025/040 | - |
| 531 | 1.2 | 60 | 50 | 3000 | 0.03 | 784 | - | NMRV025/040 | - |
| 425 | 0.9 | 50 | 80 | 4000 | 0.02 | 784 | - | NMRV025/040 | - |
| 380 | 0.7 | 50 | 100 | 5000 | 0.02 | 784 | - | NMRV025/040 | - |
| 628 | 35 | 10 | 10 | 100 | 0.54 | 784 | 31 | NMRV030/040 | NRV030/040 |
| 637 | 23 | 10 | 15 | 150 | 0.39 | 785 | 31 | NMRV030/040 | NRV030/040 |
| 575 | 18 | 10 | 20 | 200 | 0.28 | 785 | 31 | NMRV030/040 | NRV030/040 |
| 540 | 14 | 10 | 25 | 250 | 0.22 | 785 | 31 | NMRV030/040 | NRV030/040 |
| 646 | 12 | 10 | 30 | 300 | 0.24 | 785 | 31 | NMRV030/040 | NRV030/040 |
| 575 | 8.8 | 10 | 40 | 400 | 0.18 | 785 | 31 | NMRV030/040 | NRV030/040 |
| 540 | 7.0 | 20 | 25 | 500 | 0.12 | 785 | 33 | NMRV030/040 | NRV030/040 |
| 646 | 5.8 | 20 | 30 | 600 | 0.13 | 785 | 33 | NMRV030/040 | NRV030/040 |
| 646 | 4.7 | 25 | 30 | 750 | 0.11 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 3.9 | 30 | 30 | 900 | 0.10 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 2.9 | 40 | 30 | 1200 | 0.08 | 785 | 29 | NMRV030/040 | NRV030/040 |
| 646 | 2.3 | 50 | 30 | 1500 | 0.07 | 785 | 29 | NMRV030/040 | NRV030/040 |
| 646 | 1.9 | 60 | 30 | 1800 | 0.06 | 785 | 28 | NMRV030/040 | NRV030/040 |
| 575 | 1.5 | 60 | 40 | 2400 | 0.04 | 785 | 28 | NMRV030/040 | NRV030/040 |
| 531 | 1.2 | 60 | 50 | 3000 | 0.03 | 785 | 28 | NMRV030/040 | NRV030/040 |
| 425 | 0.9 | 50 | 80 | 4000 | 0.02 | 785 | 29 | NMRV030/040 | NRV030/040 |
| 380 | 0.7 | 50 | 100 | 5000 | 0.02 | 785 | 29 | NMRV030/040 | NRV030/040 |
| 839 | 35 | 10 | 10 | 100 | 0.70 | 1076 | 31 | NMRV030/050 | NRV030/050 |
| 1161 | 23 | 10 | 15 | 150 | 0.70 | 1088 | 31 | NMRV030/050 | NRV030/050 |
| 1062 | 18 | 10 | 20 | 200 | 0.51 | 1088 | 31 | NMRV030/050 | NRV030/050 |
| 973 | 14 | 10 | 25 | 250 | 0.40 | 1088 | 31 | NMRV030/050 | NRV030/050 |
| 1283 | 12 | 10 | 30 | 300 | 0.48 | 1088 | 31 | NMRV030/050 | NRV030/050 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1097 | 8.8 | 10 | 40 | 400 | 0.34 | 1088 | 31 | NMRV030/050 | NRV030/050 |
| 1062 | 7.0 | 10 | 50 | 500 | 0.28 | 1088 | 31 | NMRV030/050 | NRV030/050 |
| 1283 | 5.8 | 20 | 30 | 600 | 0.26 | 1088 | 33 | NMRV030/050 | NRV030/050 |
| 1283 | 4.7 | 25 | 30 | 750 | 0.22 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 3.9 | 30 | 30 | 900 | 0.19 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 2.9 | 40 | 30 | 1200 | 0.15 | 1088 | 29 | NMRV030/050 | NRV030/050 |
| 1283 | 2.3 | 50 | 30 | 1500 | 0.13 | 1088 | 29 | NMRV030/050 | NRV030/050 |
| 1283 | 1.9 | 60 | 30 | 1800 | 0.12 | 1088 | 28 | NMRV030/050 | NRV030/050 |
| 1097 | 1.5 | 60 | 40 | 2400 | 0.08 | 1088 | 28 | NMRV030/050 | NRV030/050 |
| 1062 | 1.2 | 60 | 50 | 3000 | 0.07 | 1088 | 28 | NMRV030/050 | NRV030/050 |
| 726 | 0.9 | 50 | 80 | 4000 | 0.04 | 1088 | 29 | NMRV030/050 | NRV030/050 |
| 699 | 0.7 | 50 | 100 | 5000 | 0.04 | 1088 | 29 | NMRV030/050 | NRV030/050 |
| 1212 | 35 | 10 | 10 | 100 | 0.99 | 1076 | 61 | NMRV040/050 | NRV040/050 |
| 1194 | 23 | 10 | 15 | 150 | 0.71 | 1088 | 61 | NMRV040/050 | NRV040/050 |
| 1062 | 18 | 10 | 20 | 200 | 0.50 | 1088 | 61 | NMRV040/050 | NRV040/050 |
| 973 | 14 | 10 | 25 | 250 | 0.39 | 1088 | 61 | NMRV040/050 | NRV040/050 |
| 1283 | 12 | 10 | 30 | 300 | 0.47 | 1088 | 61 | NMRV040/050 | NRV040/050 |
| 1097 | 8.8 | 10 | 40 | 400 | 0.33 | 1088 | 61 | NMRV040/050 | NRV040/050 |
| 1212 | 7.0 | 50 | 10 | 500 | 0.25 | 1076 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 5.8 | 20 | 30 | 600 | 0.25 | 1088 | 46 | NMRV040/050 | NRV040/050 |
| 1283 | 4.7 | 25 | 30 | 750 | 0.20 | 1088 | 53 | NMRV040/050 | NRV040/050 |
| 1194 | 3.9 | 60 | 15 | 900 | 0.16 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 2.9 | 40 | 30 | 1200 | 0.14 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 2.3 | 50 | 30 | 1500 | 0.12 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 1.9 | 60 | 30 | 1800 | 0.10 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1097 | 1.5 | 60 | 40 | 2400 | 0.07 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 1.2 | 60 | 50 | 3000 | 0.06 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.9 | 80 | 50 | 4000 | 0.05 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.7 | 100 | 50 | 5000 | 0.04 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 850 | 35 | 10 | 10 | 100 | 0.70 | 1407 | 31 | NMRV-P030/063 | NRV-P030/063 |
| 1188 | 23 | 10 | 15 | 150 | 0.70 | 1410 | 31 | NMRV-P030/063 | NRV-P030/063 |
| 1490 | 18 | 10 | 20 | 200 | 0.70 | 1410 | 31 | NMRV-P030/063 | NRV-P030/063 |
| 1780 | 14 | 10 | 25 | 250 | 0.70 | 1410 | 31 | NMRV-P030/063 | NRV-P030/063 |
| 2258 | 12 | 7.5 | 40 | 300 | 0.89 | 1410 | 28 | NMRV-P030/063 | NRV-P030/063 |
| 2258 | 8.8 | 10 | 40 | 400 | 0.68 | 1410 | 31 | NMRV-P030/063 | NRV-P030/063 |
| 2102 | 7.0 | 10 | 50 | 500 | 0.54 | 1410 | 31 | NMRV-P030/063 | NRV-P030/063 |
| 1798 | 5.8 | 20 | 30 | 600 | 0.36 | 1410 | 33 | NMRV-P030/063 | NRV-P030/063 |
| 2385 | 4.7 | 25 | 30 | 750 | 0.40 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2243 | 3.9 | 30 | 30 | 900 | 0.32 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2100 | 2.9 | 40 | 30 | 1200 | 0.24 | 1410 | 29 | NMRV-P030/063 | NRV-P030/063 |
| 1940 | 2.3 | 50 | 30 | 1500 | 0.19 | 1410 | 29 | NMRV-P030/063 | NRV-P030/063 |
| 1798 | 1.9 | 60 | 30 | 1800 | 0.16 | 1410 | 28 | NMRV-P030/063 | NRV-P030/063 |
| 2182 | 1.5 | 60 | 40 | 2400 | 0.16 | 1410 | 28 | NMRV-P030/063 | NRV-P030/063 |
| 2102 | 1.2 | 60 | 50 | 3000 | 0.13 | 1410 | 28 | NMRV-P030/063 | NRV-P030/063 |
| 2102 | 0.9 | 80 | 50 | 4000 | 0.11 | 1410 | 29 | NMRV-P030/063 | NRV-P030/063 |
| 1327 | 0.7 | 50 | 100 | 5000 | 0.07 | 1410 | 29 | NMRV-P030/063 | NRV-P030/063 |
| 1903 | 35 | 10 | 10 | 100 | 1.54 | 1407 | 61 | NMRV-P040/063 | NRV-P040/063 |
| 2404 | 23 | 10 | 15 | 150 | 1.39 | 1410 | 61 | NMRV-P040/063 | NRV-P040/063 |
| 2239 | 18 | 10 | 20 | 200 | 1.03 | 1410 | 61 | NMRV-P040/063 | NRV-P040/063 |
| 2044 | 14 | 10 | 25 | 250 | 0.79 | 1410 | 61 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 12 | 10 | 30 | 300 | 0.90 | 1410 | 61 | NMRV-P040/063 | NRV-P040/063 |
| 2258 | 8.8 | 10 | 40 | 400 | 0.66 | 1410 | 61 | NMRV-P040/063 | NRV-P040/063 |
| 2044 | 7.0 | 20 | 25 | 500 | 0.42 | 1410 | 46 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 5.8 | 20 | 30 | 600 | 0.48 | 1410 | 46 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 4.7 | 25 | 30 | 750 | 0.39 | 1410 | 53 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 3.9 | 30 | 30 | 900 | 0.34 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 2.9 | 40 | 30 | 1200 | 0.27 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 2.3 | 50 | 30 | 1500 | 0.23 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 2530 | 1.9 | 60 | 30 | 1800 | 0.20 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2258 | 1.5 | 60 | 40 | 2400 | 0.15 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2102 | 1.2 | 60 | 50 | 3000 | 0.12 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2102 | 0.9 | 80 | 50 | 4000 | 0.10 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2102 | 0.7 | 100 | 50 | 5000 | 0.08 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 1928 | 35 | 10 | 10 | 100 | 1.54 | 1659 | 61 | NMRV-P040/075 | NRV-P040/075 |
| 2733 | 23 | 10 | 15 | 150 | 1.54 | 1659 | 61 | NMRV-P040/075 | NRV-P040/075 |
| 3432 | 18 | 10 | 20 | 200 | 1.54 | 1659 | 61 | NMRV-P040/075 | NRV-P040/075 |
| 3358 | 14 | 10 | 25 | 250 | 1.26 | 1659 | 61 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 12 | 10 | 30 | 300 | 1.34 | 1659 | 61 | NMRV-P040/075 | NRV-P040/075 |
| 3663 | 8.8 | 10 | 40 | 400 | 1.01 | 1659 | 61 | NMRV-P040/075 | NRV-P040/075 |
| 3256 | 7.0 | 10 | 50 | 500 | 0.79 | 1659 | 61 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 5.8 | 20 | 30 | 600 | 0.71 | 1659 | 46 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 4.7 | 25 | 30 | 750 | 0.59 | 1659 | 53 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 3.9 | 30 | 30 | 900 | 0.51 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 2.9 | 40 | 30 | 1200 | 0.40 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 2.3 | 50 | 30 | 1500 | 0.34 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 1.9 | 60 | 30 | 1800 | 0.30 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3663 | 1.5 | 60 | 40 | 2400 | 0.22 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3256 | 1.2 | 60 | 50 | 3000 | 0.18 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3256 | 0.9 | 80 | 50 | 4000 | 0.14 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3256 | 0.7 | 100 | 50 | 5000 | 0.13 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 1976 | 35 | 10 | 10 | 100 | 1.54 | 1838 | 61 | NMRV-P040/090 | NRV-P040/090 |
| 2806 | 23 | 10 | 15 | 150 | 1.54 | 1839 | 61 | NMRV-P040/090 | NRV-P040/090 |
| 3595 | 18 | 10 | 20 | 200 | 1.54 | 1839 | 61 | NMRV-P040/090 | NRV-P040/090 |
| 4311 | 14 | 10 | 25 | 250 | 1.54 | 1839 | 61 | NMRV-P040/090 | NRV-P040/090 |
| 4782 | 12 | 10 | 30 | 300 | 1.54 | 1839 | 61 | NMRV-P040/090 | NRV-P040/090 |
| 5397 | 8.8 | 10 | 40 | 400 | 1.41 | 1839 | 61 | NMRV-P040/090 | NRV-P040/090 |
| 4955 | 7.0 | 10 | 50 | 500 | 1.12 | 1839 | 61 | NMRV-P040/090 | NRV-P040/090 |
| 4782 | 5.8 | 20 | 30 | 600 | 0.82 | 1839 | 46 | NMRV-P040/090 | NRV-P040/090 |
| 4606 | 4.7 | 25 | 30 | 750 | 0.65 | 1839 | 53 | NMRV-P040/090 | NRV-P040/090 |
| 5606 | 3.9 | 30 | 30 | 900 | 0.69 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5116 | 2.9 | 40 | 30 | 1200 | 0.50 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4939 | 2.3 | 50 | 30 | 1500 | 0.41 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4606 | 1.9 | 60 | 30 | 1800 | 0.33 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5397 | 1.5 | 60 | 40 | 2400 | 0.31 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4955 | 1.2 | 60 | 50 | 3000 | 0.25 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4955 | 0.9 | 80 | 50 | 4000 | 0.20 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4955 | 0.7 | 100 | 50 | 5000 | 0.18 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 3677 | 35 | 10 | 10 | 100 | 2.83 | 1838 | 85 | NMRV-P050/090 | NRV-P050/090 |
| 5221 | 23 | 10 | 15 | 150 | 2.83 | 1839 | 85 | NMRV-P050/090 | NRV-P050/090 |
| 5397 | 18 | 10 | 20 | 200 | 2.29 | 1839 | 85 | NMRV-P050/090 | NRV-P050/090 |
| 5043 | 14 | 10 | 25 | 250 | 1.78 | 1839 | 85 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 12 | 10 | 30 | 300 | 1.97 | 1839 | 85 | NMRV-P050/090 | NRV-P050/090 |
| 5397 | 8.8 | 10 | 40 | 400 | 1.40 | 1839 | 85 | NMRV-P050/090 | NRV-P050/090 |
| 5043 | 7.0 | 20 | 25 | 500 | 0.96 | 1839 | 94 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 5.8 | 20 | 30 | 600 | 1.06 | 1839 | 94 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 4.7 | 25 | 30 | 750 | 0.87 | 1839 | 108 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 3.9 | 30 | 30 | 900 | 0.76 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 2.9 | 40 | 30 | 1200 | 0.59 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 2.3 | 50 | 30 | 1500 | 0.50 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 1.9 | 60 | 30 | 1800 | 0.44 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5397 | 1.5 | 60 | 40 | 2400 | 0.31 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4955 | 1.2 | 60 | 50 | 3000 | 0.24 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4955 | 0.9 | 80 | 50 | 4000 | 0.20 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4955 | 0.7 | 100 | 50 | 5000 | 0.17 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 3677 | 35 | 10 | 10 | 100 | 2.83 | 2320 | 85 | NMRV-P050/110 | NRV-P050/110 |
| 5289 | 23 | 10 | 15 | 150 | 2.83 | 2320 | 85 | NMRV-P050/110 | NRV-P050/110 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 6871 | 18 | 10 | 20 | 200 | 2.83 | 2320 | 85 | NMRV-P050/110 | NRV-P050/110 |
| 8361 | 14 | 10 | 25 | 250 | 2.83 | 2320 | 85 | NMRV-P050/110 | NRV-P050/110 |
| 8853 | 12 | 10 | 30 | 300 | 2.83 | 2320 | 85 | NMRV-P050/110 | NRV-P050/110 |
| 10485 | 8.8 | 10 | 40 | 400 | 2.60 | 2320 | 85 | NMRV-P050/110 | NRV-P050/110 |
| 8214 | 7.0 | 20 | 25 | 500 | 1.49 | 2320 | 94 | NMRV-P050/110 | NRV-P050/110 |
| 8697 | 5.8 | 20 | 30 | 600 | 1.49 | 2320 | 94 | NMRV-P050/110 | NRV-P050/110 |
| 8366 | 4.7 | 25 | 30 | 750 | 1.18 | 2320 | 108 | NMRV-P050/110 | NRV-P050/110 |
| 10491 | 3.9 | 30 | 30 | 900 | 1.29 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9672 | 2.9 | 40 | 30 | 1200 | 0.93 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 8697 | 2.3 | 50 | 30 | 1500 | 0.71 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 8190 | 1.9 | 60 | 30 | 1800 | 0.58 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10485 | 1.5 | 60 | 40 | 2400 | 0.57 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9733 | 1.2 | 60 | 50 | 3000 | 0.45 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9733 | 0.9 | 80 | 50 | 4000 | 0.36 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9733 | 0.7 | 100 | 50 | 5000 | 0.31 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 6787 | 35 | 10 | 10 | 100 | 5.11 | 2320 | 106 | NMRV-P063/110 | NRV-P063/110 |
| 9761 | 23 | 10 | 15 | 150 | 5.11 | 2320 | 106 | NMRV-P063/110 | NRV-P063/110 |
| 10078 | 18 | 10 | 20 | 200 | 4.06 | 2320 | 106 | NMRV-P063/110 | NRV-P063/110 |
| 10379 | 14 | 10 | 25 | 250 | 3.44 | 2320 | 106 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 12 | 10 | 30 | 300 | 3.50 | 2320 | 106 | NMRV-P063/110 | NRV-P063/110 |
| 10485 | 8.8 | 10 | 40 | 400 | 2.54 | 2320 | 106 | NMRV-P063/110 | NRV-P063/110 |
| 10379 | 7.0 | 20 | 25 | 500 | 1.80 | 2320 | 119 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 5.8 | 20 | 30 | 600 | 1.83 | 2320 | 119 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 4.7 | 25 | 30 | 750 | 1.50 | 2320 | 132 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 3.9 | 30 | 30 | 900 | 1.30 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 2.9 | 40 | 30 | 1200 | 1.01 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 2.3 | 50 | 30 | 1500 | 0.85 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 1.9 | 60 | 30 | 1800 | 0.74 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10485 | 1.5 | 60 | 40 | 2400 | 0.53 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9733 | 1.2 | 60 | 50 | 3000 | 0.41 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9733 | 0.9 | 80 | 50 | 4000 | 0.33 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9733 | 0.7 | 100 | 50 | 5000 | 0.29 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 6787 | 35 | 10 | 10 | 100 | 5.11 | 3035 | 106 | NMRV-P063/130 | NRV-P063/130 |
| 9552 | 23 | 10 | 15 | 150 | 5.11 | 3035 | 106 | NMRV-P063/130 | NRV-P063/130 |
| 12568 | 18 | 10 | 20 | 200 | 5.11 | 3035 | 106 | NMRV-P063/130 | NRV-P063/130 |
| 13538 | 14 | 10 | 25 | 250 | 4.53 | 3035 | 106 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 12 | 10 | 30 | 300 | 4.80 | 3035 | 106 | NMRV-P063/130 | NRV-P063/130 |
| 14599 | 8.8 | 10 | 40 | 400 | 3.54 | 3035 | 106 | NMRV-P063/130 | NRV-P063/130 |
| 13715 | 7.0 | 10 | 50 | 500 | 2.79 | 3035 | 106 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 5.8 | 20 | 30 | 600 | 2.51 | 3035 | 119 | NMRV-P063/130 | NRV-P063/130 |
| 15314 | 4.7 | 25 | 30 | 750 | 2.02 | 3035 | 132 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 3.9 | 30 | 30 | 900 | 1.78 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 2.9 | 40 | 30 | 1200 | 1.38 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 2.3 | 50 | 30 | 1500 | 1.17 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 1.9 | 60 | 30 | 1800 | 1.01 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 14599 | 1.5 | 60 | 40 | 2400 | 0.74 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13715 | 1.2 | 60 | 50 | 3000 | 0.59 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13715 | 0.9 | 80 | 50 | 4000 | 0.47 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13715 | 0.7 | 100 | 50 | 5000 | 0.42 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 11898 | 23 | 7.5 | 20 | 150 | 6.39 | 4045 | 89 | NMRV-P063/150 | NRV-P063/150 |
| 12568 | 18 | 10 | 20 | 200 | 5.11 | 4045 | 105 | NMRV-P063/150 | NRV-P063/150 |
| 15291 | 14 | 10 | 25 | 250 | 5.11 | 4045 | 105 | NMRV-P063/150 | NRV-P063/150 |
| 13275 | 12 | 15 | 20 | 300 | 3.68 | 4045 | 111 | NMRV-P063/150 | NRV-P063/150 |
| 21450 | 8.8 | 10 | 40 | 400 | 5.11 | 4045 | 105 | NMRV-P063/150 | NRV-P063/150 |
| 20616 | 7.0 | 10 | 50 | 500 | 4.19 | 4045 | 105 | NMRV-P063/150 | NRV-P063/150 |
| 22655 | 5.8 | 15 | 40 | 600 | 3.68 | 4045 | 111 | NMRV-P063/150 | NRV-P063/150 |
| 20616 | 4.7 | 15 | 50 | 750 | 2.86 | 4045 | 111 | NMRV-P063/150 | NRV-P063/150 |
| 18581 | 3.9 | 30 | 30 | 900 | 1.97 | 4045 | 157 | NMRV-P063/150 | NRV-P063/150 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 23624 | 2.9 | 30 | 40 | 1200 | 2.08 | 4045 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 17098 | 1.9 | 60 | 30 | 1800 | 1.03 | 4045 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20549 | 1.5 | 60 | 40 | 2400 | 1.03 | 4045 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20616 | 1.2 | 60 | 50 | 3000 | 0.88 | 4045 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20616 | 0.9 | 80 | 50 | 4000 | 0.71 | 4045 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 19227 | 0.7 | 100 | 50 | 5000 | 0.58 | 4045 | 157 | NMRV-P063/150 | NRV-P063/150 |

Double Worm Gear Reducer Ratings - Input Speed 1750 rpm

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 283 | 18 | 10 | 10 | 100 | 0.13 | 338 | - | NMRV025/030 | - |
| 248 | 12 | 7.5 | 20 | 150 | 0.09 | 387 | - | NMRV025/030 | - |
| 248 | 8.8 | 10 | 20 | 200 | 0.07 | 411 | - | NMRV025/030 | - |
| 301 | 7.0 | 10 | 25 | 250 | 0.07 | 411 | - | NMRV025/030 | - |
| 274 | 5.8 | 10 | 30 | 300 | 0.06 | 411 | - | NMRV025/030 | - |
| 248 | 4.4 | 20 | 20 | 400 | 0.04 | 411 | - | NMRV025/030 | - |
| 301 | 3.5 | 20 | 25 | 500 | 0.04 | 411 | - | NMRV025/030 | - |
| 274 | 2.9 | 20 | 30 | 600 | 0.03 | 411 | - | NMRV025/030 | - |
| 301 | 2.3 | 30 | 25 | 750 | 0.03 | 411 | - | NMRV025/030 | - |
| 274 | 1.9 | 30 | 30 | 900 | 0.02 | 411 | - | NMRV025/030 | - |
| 248 | 1.5 | 30 | 40 | 1200 | 0.02 | 411 | - | NMRV025/030 | - |
| 230 | 1.2 | 30 | 50 | 1500 | 0.01 | 411 | - | NMRV025/030 | - |
| 274 | 1.0 | 60 | 30 | 1800 | 0.01 | 411 | - | NMRV025/030 | - |
| 248 | 0.7 | 60 | 40 | 2400 | 0.01 | 411 | - | NMRV025/030 | - |
| 230 | 0.6 | 60 | 50 | 3000 | 0.01 | 411 | - | NMRV025/030 | - |
| 177 | 0.4 | 50 | 80 | 4000 | 0.01 | 411 | - | NMRV025/030 | - |
| 628 | 18 | 10 | 10 | 100 | 0.27 | 651 | - | NMRV025/040 | - |
| 575 | 12 | 7.5 | 20 | 150 | 0.18 | 745 | - | NMRV025/040 | - |
| 575 | 8.8 | 10 | 20 | 200 | 0.14 | 784 | - | NMRV025/040 | - |
| 540 | 7.0 | 10 | 25 | 250 | 0.11 | 784 | - | NMRV025/040 | - |
| 646 | 5.8 | 10 | 30 | 300 | 0.12 | 784 | - | NMRV025/040 | - |
| 575 | 4.4 | 20 | 20 | 400 | 0.08 | 784 | - | NMRV025/040 | - |
| 540 | 3.5 | 20 | 25 | 500 | 0.06 | 784 | - | NMRV025/040 | - |
| 646 | 2.9 | 20 | 30 | 600 | 0.07 | 784 | - | NMRV025/040 | - |
| 540 | 2.3 | 30 | 25 | 750 | 0.05 | 784 | - | NMRV025/040 | - |
| 646 | 1.9 | 15 | 60 | 900 | 0.05 | 784 | - | NMRV025/040 | - |
| 575 | 1.5 | 30 | 40 | 1200 | 0.04 | 784 | - | NMRV025/040 | - |
| 531 | 1.2 | 30 | 50 | 1500 | 0.03 | 784 | - | NMRV025/040 | - |
| 646 | 1.0 | 60 | 30 | 1800 | 0.03 | 784 | - | NMRV025/040 | - |
| 575 | 0.7 | 60 | 40 | 2400 | 0.02 | 784 | - | NMRV025/040 | - |
| 531 | 0.6 | 60 | 50 | 3000 | 0.02 | 784 | - | NMRV025/040 | - |
| 425 | 0.4 | 50 | 80 | 4000 | 0.01 | 784 | - | NMRV025/040 | - |
| 380 | 0.4 | 50 | 100 | 5000 | 0.01 | 784 | - | NMRV025/040 | - |
| 628 | 18 | 10 | 10 | 100 | 0.28 | 784 | 38 | NMRV030/040 | NRV030/040 |
| 637 | 12 | 10 | 15 | 150 | 0.20 | 785 | 38 | NMRV030/040 | NRV030/040 |
| 575 | 8.8 | 10 | 20 | 200 | 0.14 | 785 | 38 | NMRV030/040 | NRV030/040 |
| 540 | 7.0 | 10 | 25 | 250 | 0.11 | 785 | 38 | NMRV030/040 | NRV030/040 |
| 646 | 5.8 | 10 | 30 | 300 | 0.13 | 785 | 38 | NMRV030/040 | NRV030/040 |
| 575 | 4.4 | 10 | 40 | 400 | 0.09 | 785 | 38 | NMRV030/040 | NRV030/040 |
| 540 | 3.5 | 20 | 25 | 500 | 0.06 | 785 | 40 | NMRV030/040 | NRV030/040 |
| 646 | 2.9 | 20 | 30 | 600 | 0.07 | 785 | 40 | NMRV030/040 | NRV030/040 |
| 646 | 2.3 | 25 | 30 | 750 | 0.06 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.9 | 30 | 30 | 900 | 0.05 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.5 | 40 | 30 | 1200 | 0.04 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.2 | 50 | 30 | 1500 | 0.04 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.0 | 60 | 30 | 1800 | 0.03 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 575 | 0.7 | 60 | 40 | 2400 | 0.03 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 531 | 0.6 | 60 | 50 | 3000 | 0.02 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 425 | 0.4 | 50 | 80 | 4000 | 0.01 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 380 | 0.4 | 50 | 100 | 5000 | 0.01 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 1212 | 18 | 10 | 10 | 100 | 0.53 | 1076 | 38 | NMRV030/050 | NRV030/050 |
| 1194 | 12 | 10 | 15 | 150 | 0.38 | 1088 | 38 | NMRV030/050 | NRV030/050 |
| 1062 | 8.8 | 10 | 20 | 200 | 0.27 | 1088 | 38 | NMRV030/050 | NRV030/050 |
| 973 | 7.0 | 10 | 25 | 250 | 0.21 | 1088 | 38 | NMRV030/050 | NRV030/050 |
| 1283 | 5.8 | 10 | 30 | 300 | 0.25 | 1088 | 38 | NMRV030/050 | NRV030/050 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1097 | 4.4 | 10 | 40 | 400 | 0.18 | 1088 | 38 | NMRV030/050 | NRV030/050 |
| 1062 | 3.5 | 10 | 50 | 500 | 0.15 | 1088 | 38 | NMRV030/050 | NRV030/050 |
| 1283 | 2.9 | 20 | 30 | 600 | 0.14 | 1088 | 40 | NMRV030/050 | NRV030/050 |
| 1283 | 2.3 | 25 | 30 | 750 | 0.12 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.9 | 30 | 30 | 900 | 0.10 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.5 | 40 | 30 | 1200 | 0.09 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.2 | 50 | 30 | 1500 | 0.07 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.0 | 60 | 30 | 1800 | 0.07 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1097 | 0.7 | 60 | 40 | 2400 | 0.05 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1062 | 0.6 | 60 | 50 | 3000 | 0.04 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 726 | 0.4 | 50 | 80 | 4000 | 0.02 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 699 | 0.4 | 50 | 100 | 5000 | 0.02 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1212 | 18 | 10 | 10 | 100 | 0.51 | 1076 | 77 | NMRV040/050 | NRV040/050 |
| 1194 | 12 | 10 | 15 | 150 | 0.37 | 1088 | 77 | NMRV040/050 | NRV040/050 |
| 1062 | 8.8 | 10 | 20 | 200 | 0.26 | 1088 | 77 | NMRV040/050 | NRV040/050 |
| 973 | 7.0 | 10 | 25 | 250 | 0.20 | 1088 | 77 | NMRV040/050 | NRV040/050 |
| 1283 | 5.8 | 10 | 30 | 300 | 0.24 | 1088 | 77 | NMRV040/050 | NRV040/050 |
| 1097 | 4.4 | 10 | 40 | 400 | 0.17 | 1088 | 77 | NMRV040/050 | NRV040/050 |
| 1212 | 3.5 | 50 | 10 | 500 | 0.14 | 1076 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 2.9 | 20 | 30 | 600 | 0.13 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 2.3 | 25 | 30 | 750 | 0.11 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1194 | 1.9 | 60 | 15 | 900 | 0.09 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 1.5 | 40 | 30 | 1200 | 0.08 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 1.2 | 50 | 30 | 1500 | 0.07 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 1.0 | 60 | 30 | 1800 | 0.06 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1097 | 0.7 | 60 | 40 | 2400 | 0.04 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.6 | 60 | 50 | 3000 | 0.03 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.4 | 80 | 50 | 4000 | 0.03 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.4 | 100 | 50 | 5000 | 0.03 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1248 | 18 | 10 | 10 | 100 | 0.54 | 1407 | 38 | NMRV-P030/063 | NRV-P030/063 |
| 1745 | 12 | 10 | 15 | 150 | 0.54 | 1410 | 38 | NMRV-P030/063 | NRV-P030/063 |
| 2187 | 8.8 | 10 | 20 | 200 | 0.54 | 1410 | 38 | NMRV-P030/063 | NRV-P030/063 |
| 2044 | 7.0 | 10 | 25 | 250 | 0.42 | 1410 | 38 | NMRV-P030/063 | NRV-P030/063 |
| 2259 | 5.8 | 7.5 | 40 | 300 | 0.46 | 1410 | 34 | NMRV-P030/063 | NRV-P030/063 |
| 2259 | 4.4 | 10 | 40 | 400 | 0.35 | 1410 | 38 | NMRV-P030/063 | NRV-P030/063 |
| 2103 | 3.5 | 10 | 50 | 500 | 0.28 | 1410 | 38 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 2.9 | 20 | 30 | 600 | 0.27 | 1410 | 40 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 2.3 | 25 | 30 | 750 | 0.23 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 1.9 | 30 | 30 | 900 | 0.20 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 1.5 | 40 | 30 | 1200 | 0.16 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 1.2 | 50 | 30 | 1500 | 0.14 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2386 | 1.0 | 60 | 30 | 1800 | 0.12 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2259 | 0.7 | 60 | 40 | 2400 | 0.09 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2103 | 0.6 | 60 | 50 | 3000 | 0.07 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2103 | 0.4 | 80 | 50 | 4000 | 0.06 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 1327 | 0.4 | 50 | 100 | 5000 | 0.04 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2434 | 18 | 10 | 10 | 100 | 1.02 | 1407 | 77 | NMRV-P040/063 | NRV-P040/063 |
| 2404 | 12 | 10 | 15 | 150 | 0.72 | 1410 | 77 | NMRV-P040/063 | NRV-P040/063 |
| 2239 | 8.8 | 10 | 20 | 200 | 0.54 | 1410 | 77 | NMRV-P040/063 | NRV-P040/063 |
| 2044 | 7.0 | 10 | 25 | 250 | 0.41 | 1410 | 77 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 5.8 | 10 | 30 | 300 | 0.46 | 1410 | 77 | NMRV-P040/063 | NRV-P040/063 |
| 2259 | 4.4 | 10 | 40 | 400 | 0.34 | 1410 | 77 | NMRV-P040/063 | NRV-P040/063 |
| 2044 | 3.5 | 20 | 25 | 500 | 0.22 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 2.9 | 20 | 30 | 600 | 0.25 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 2.3 | 25 | 30 | 750 | 0.21 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 1.9 | 30 | 30 | 900 | 0.19 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 1.5 | 40 | 30 | 1200 | 0.15 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 1.2 | 50 | 30 | 1500 | 0.13 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 2531 | 1.0 | 60 | 30 | 1800 | 0.11 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2259 | 0.7 | 60 | 40 | 2400 | 0.08 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2103 | 0.6 | 60 | 50 | 3000 | 0.07 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2103 | 0.4 | 80 | 50 | 4000 | 0.05 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2103 | 0.4 | 100 | 50 | 5000 | 0.05 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2924 | 18 | 10 | 10 | 100 | 1.21 | 1659 | 77 | NMRV-P040/075 | NRV-P040/075 |
| 3766 | 12 | 10 | 15 | 150 | 1.10 | 1659 | 77 | NMRV-P040/075 | NRV-P040/075 |
| 3716 | 8.8 | 10 | 20 | 200 | 0.86 | 1659 | 77 | NMRV-P040/075 | NRV-P040/075 |
| 3359 | 7.0 | 10 | 25 | 250 | 0.65 | 1659 | 77 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 5.8 | 10 | 30 | 300 | 0.69 | 1659 | 77 | NMRV-P040/075 | NRV-P040/075 |
| 3664 | 4.4 | 10 | 40 | 400 | 0.52 | 1659 | 77 | NMRV-P040/075 | NRV-P040/075 |
| 3257 | 3.5 | 10 | 50 | 500 | 0.41 | 1659 | 77 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 2.9 | 20 | 30 | 600 | 0.37 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 2.3 | 25 | 30 | 750 | 0.31 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 1.9 | 30 | 30 | 900 | 0.28 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 1.5 | 40 | 30 | 1200 | 0.22 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 1.2 | 50 | 30 | 1500 | 0.19 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 1.0 | 60 | 30 | 1800 | 0.17 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3664 | 0.7 | 60 | 40 | 2400 | 0.13 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3257 | 0.6 | 60 | 50 | 3000 | 0.10 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3257 | 0.4 | 80 | 50 | 4000 | 0.08 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3257 | 0.4 | 100 | 50 | 5000 | 0.07 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 2998 | 18 | 10 | 10 | 100 | 1.21 | 1838 | 77 | NMRV-P040/090 | NRV-P040/090 |
| 4256 | 12 | 10 | 15 | 150 | 1.21 | 1839 | 77 | NMRV-P040/090 | NRV-P040/090 |
| 5399 | 8.8 | 10 | 20 | 200 | 1.20 | 1839 | 77 | NMRV-P040/090 | NRV-P040/090 |
| 5045 | 7.0 | 10 | 25 | 250 | 0.93 | 1839 | 77 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 5.8 | 10 | 30 | 300 | 1.03 | 1839 | 77 | NMRV-P040/090 | NRV-P040/090 |
| 5399 | 4.4 | 10 | 40 | 400 | 0.73 | 1839 | 77 | NMRV-P040/090 | NRV-P040/090 |
| 4956 | 3.5 | 10 | 50 | 500 | 0.58 | 1839 | 77 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 2.9 | 20 | 30 | 600 | 0.56 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 2.3 | 25 | 30 | 750 | 0.46 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 1.9 | 30 | 30 | 900 | 0.41 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 1.5 | 40 | 30 | 1200 | 0.33 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 1.2 | 50 | 30 | 1500 | 0.28 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 1.0 | 60 | 30 | 1800 | 0.25 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5399 | 0.7 | 60 | 40 | 2400 | 0.18 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4956 | 0.6 | 60 | 50 | 3000 | 0.14 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4956 | 0.4 | 80 | 50 | 4000 | 0.12 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4956 | 0.4 | 100 | 50 | 5000 | 0.10 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5222 | 18 | 10 | 10 | 100 | 2.06 | 1838 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5842 | 12 | 10 | 15 | 150 | 1.62 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5399 | 8.8 | 10 | 20 | 200 | 1.17 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5045 | 7.0 | 10 | 25 | 250 | 0.91 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 5.8 | 10 | 30 | 300 | 1.01 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5399 | 4.4 | 10 | 40 | 400 | 0.71 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5045 | 3.5 | 20 | 25 | 500 | 0.50 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 2.9 | 20 | 30 | 600 | 0.55 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 2.3 | 25 | 30 | 750 | 0.46 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 1.9 | 30 | 30 | 900 | 0.40 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 1.5 | 40 | 30 | 1200 | 0.32 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 1.2 | 50 | 30 | 1500 | 0.27 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 1.0 | 60 | 30 | 1800 | 0.24 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5399 | 0.7 | 60 | 40 | 2400 | 0.17 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4956 | 0.6 | 60 | 50 | 3000 | 0.14 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4956 | 0.4 | 80 | 50 | 4000 | 0.11 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4956 | 0.4 | 100 | 50 | 5000 | 0.10 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5380 | 18 | 10 | 10 | 100 | 2.12 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 7738 | 12 | 10 | 15 | 150 | 2.12 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 10052 | 8.8 | 10 | 20 | 200 | 2.12 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10382 | 7.0 | 10 | 25 | 250 | 1.80 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 5.8 | 10 | 30 | 300 | 1.83 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10488 | 4.4 | 10 | 40 | 400 | 1.33 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10382 | 3.5 | 20 | 25 | 500 | 0.98 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 2.9 | 20 | 30 | 600 | 1.00 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 2.3 | 25 | 30 | 750 | 0.83 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 1.9 | 30 | 30 | 900 | 0.73 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 1.5 | 40 | 30 | 1200 | 0.59 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 1.2 | 50 | 30 | 1500 | 0.50 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 1.0 | 60 | 30 | 1800 | 0.44 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10488 | 0.7 | 60 | 40 | 2400 | 0.32 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9736 | 0.6 | 60 | 50 | 3000 | 0.25 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9736 | 0.4 | 80 | 50 | 4000 | 0.21 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9736 | 0.4 | 100 | 50 | 5000 | 0.18 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 8979 | 18 | 10 | 10 | 100 | 3.52 | 2320 | 130 | NMRV-P063/110 | NRV-P063/110 |
| 10585 | 12 | 10 | 15 | 150 | 2.89 | 2320 | 130 | NMRV-P063/110 | NRV-P063/110 |
| 10081 | 8.8 | 10 | 20 | 200 | 2.12 | 2320 | 130 | NMRV-P063/110 | NRV-P063/110 |
| 10382 | 7.0 | 10 | 25 | 250 | 1.79 | 2320 | 130 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 5.8 | 10 | 30 | 300 | 1.82 | 2320 | 130 | NMRV-P063/110 | NRV-P063/110 |
| 10488 | 4.4 | 10 | 40 | 400 | 1.32 | 2320 | 130 | NMRV-P063/110 | NRV-P063/110 |
| 10382 | 3.5 | 20 | 25 | 500 | 0.95 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 2.9 | 20 | 30 | 600 | 0.96 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 2.3 | 25 | 30 | 750 | 0.80 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 1.9 | 30 | 30 | 900 | 0.70 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 1.5 | 40 | 30 | 1200 | 0.55 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 1.2 | 50 | 30 | 1500 | 0.47 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 1.0 | 60 | 30 | 1800 | 0.41 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10488 | 0.7 | 60 | 40 | 2400 | 0.30 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9736 | 0.6 | 60 | 50 | 3000 | 0.23 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9736 | 0.4 | 80 | 50 | 4000 | 0.19 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9736 | 0.4 | 100 | 50 | 5000 | 0.17 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 8979 | 18 | 10 | 10 | 100 | 3.52 | 3035 | 130 | NMRV-P063/130 | NRV-P063/130 |
| 12637 | 12 | 10 | 15 | 150 | 3.52 | 3035 | 130 | NMRV-P063/130 | NRV-P063/130 |
| 14161 | 8.8 | 10 | 20 | 200 | 3.00 | 3035 | 130 | NMRV-P063/130 | NRV-P063/130 |
| 13542 | 7.0 | 10 | 25 | 250 | 2.36 | 3035 | 130 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 5.8 | 10 | 30 | 300 | 2.50 | 3035 | 130 | NMRV-P063/130 | NRV-P063/130 |
| 14603 | 4.4 | 10 | 40 | 400 | 1.84 | 3035 | 130 | NMRV-P063/130 | NRV-P063/130 |
| 13719 | 3.5 | 10 | 50 | 500 | 1.45 | 3035 | 130 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 2.9 | 20 | 30 | 600 | 1.32 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 2.3 | 25 | 30 | 750 | 1.09 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 1.9 | 30 | 30 | 900 | 0.96 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 1.5 | 40 | 30 | 1200 | 0.76 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 1.2 | 50 | 30 | 1500 | 0.64 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 1.0 | 60 | 30 | 1800 | 0.57 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 14603 | 0.7 | 60 | 40 | 2400 | 0.42 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13719 | 0.6 | 60 | 50 | 3000 | 0.33 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13719 | 0.4 | 80 | 50 | 4000 | 0.27 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13719 | 0.4 | 100 | 50 | 5000 | 0.24 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 16145 | 12 | 7.5 | 20 | 150 | 4.46 | 4047 | 112 | NMRV-P063/150 | NRV-P063/150 |
| 16627 | 8.8 | 10 | 20 | 200 | 3.52 | 4047 | 130 | NMRV-P063/150 | NRV-P063/150 |
| 18144 | 7.0 | 10 | 25 | 250 | 3.16 | 4047 | 130 | NMRV-P063/150 | NRV-P063/150 |
| 18543 | 5.8 | 15 | 20 | 300 | 2.70 | 4047 | 145 | NMRV-P063/150 | NRV-P063/150 |
| 23631 | 4.4 | 10 | 40 | 400 | 2.93 | 4047 | 130 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 3.5 | 10 | 50 | 500 | 2.18 | 4047 | 130 | NMRV-P063/150 | NRV-P063/150 |
| 23631 | 2.9 | 15 | 40 | 600 | 2.02 | 4047 | 145 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 2.3 | 15 | 50 | 750 | 1.50 | 4047 | 145 | NMRV-P063/150 | NRV-P063/150 |
| 18587 | 1.9 | 30 | 30 | 900 | 1.06 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 23631 | 1.5 | 30 | 40 | 1200 | 1.13 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 18587 | 1.0 | 60 | 30 | 1800 | 0.63 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 23631 | 0.7 | 60 | 40 | 2400 | 0.66 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 0.6 | 60 | 50 | 3000 | 0.49 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 0.4 | 80 | 50 | 4000 | 0.40 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 0.4 | 100 | 50 | 5000 | 0.36 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |

Double Worm Gear Reducer Ratings - Input Speed 1140 rpm

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 283 | 11 | 10 | 10 | 100 | 0.08 | 390 | - | NMRV025/030 | - |
| 248 | 7.6 | 7.5 | 20 | 150 | 0.06 | 411 | - | NMRV025/030 | - |
| 248 | 5.7 | 10 | 20 | 200 | 0.04 | 411 | - | NMRV025/030 | - |
| 301 | 4.6 | 10 | 25 | 250 | 0.05 | 411 | - | NMRV025/030 | - |
| 274 | 3.8 | 10 | 30 | 300 | 0.04 | 411 | - | NMRV025/030 | - |
| 248 | 2.9 | 20 | 20 | 400 | 0.02 | 411 | - | NMRV025/030 | - |
| 301 | 2.3 | 20 | 25 | 500 | 0.03 | 411 | - | NMRV025/030 | - |
| 274 | 1.9 | 20 | 30 | 600 | 0.02 | 411 | - | NMRV025/030 | - |
| 301 | 1.5 | 30 | 25 | 750 | 0.02 | 411 | - | NMRV025/030 | - |
| 274 | 1.3 | 30 | 30 | 900 | 0.02 | 411 | - | NMRV025/030 | - |
| 248 | 1.0 | 30 | 40 | 1200 | 0.01 | 411 | - | NMRV025/030 | - |
| 230 | 0.8 | 30 | 50 | 1500 | 0.01 | 411 | - | NMRV025/030 | - |
| 274 | 0.6 | 60 | 30 | 1800 | 0.01 | 411 | - | NMRV025/030 | - |
| 248 | 0.5 | 60 | 40 | 2400 | 0.01 | 411 | - | NMRV025/030 | - |
| 230 | 0.4 | 60 | 50 | 3000 | 0.01 | 411 | - | NMRV025/030 | - |
| 177 | 0.3 | 50 | 80 | 4000 | 0.00 | 411 | - | NMRV025/030 | - |
| 628 | 11 | 10 | 10 | 100 | 0.18 | 750 | - | NMRV025/040 | - |
| 575 | 7.6 | 7.5 | 20 | 150 | 0.12 | 784 | - | NMRV025/040 | - |
| 575 | 5.7 | 10 | 20 | 200 | 0.09 | 784 | - | NMRV025/040 | - |
| 540 | 4.6 | 10 | 25 | 250 | 0.07 | 784 | - | NMRV025/040 | - |
| 646 | 3.8 | 10 | 30 | 300 | 0.08 | 784 | - | NMRV025/040 | - |
| 575 | 2.9 | 20 | 20 | 400 | 0.05 | 784 | - | NMRV025/040 | - |
| 540 | 2.3 | 20 | 25 | 500 | 0.04 | 784 | - | NMRV025/040 | - |
| 646 | 1.9 | 20 | 30 | 600 | 0.04 | 784 | - | NMRV025/040 | - |
| 540 | 1.5 | 30 | 25 | 750 | 0.03 | 784 | - | NMRV025/040 | - |
| 646 | 1.3 | 15 | 60 | 900 | 0.03 | 784 | - | NMRV025/040 | - |
| 575 | 1.0 | 30 | 40 | 1200 | 0.02 | 784 | - | NMRV025/040 | - |
| 531 | 0.8 | 30 | 50 | 1500 | 0.02 | 784 | - | NMRV025/040 | - |
| 646 | 0.6 | 60 | 30 | 1800 | 0.02 | 784 | - | NMRV025/040 | - |
| 575 | 0.5 | 60 | 40 | 2400 | 0.02 | 784 | - | NMRV025/040 | - |
| 531 | 0.4 | 60 | 50 | 3000 | 0.01 | 784 | - | NMRV025/040 | - |
| 425 | 0.3 | 50 | 80 | 4000 | 0.01 | 784 | - | NMRV025/040 | - |
| 380 | 0.2 | 50 | 100 | 5000 | 0.01 | 784 | - | NMRV025/040 | - |
| 628 | 11 | 10 | 10 | 100 | 0.18 | 784 | 44 | NMRV030/040 | NRV030/040 |
| 637 | 7.6 | 10 | 15 | 150 | 0.13 | 785 | 44 | NMRV030/040 | NRV030/040 |
| 575 | 5.7 | 10 | 20 | 200 | 0.09 | 785 | 44 | NMRV030/040 | NRV030/040 |
| 540 | 4.6 | 10 | 25 | 250 | 0.08 | 785 | 44 | NMRV030/040 | NRV030/040 |
| 646 | 3.8 | 10 | 30 | 300 | 0.08 | 785 | 44 | NMRV030/040 | NRV030/040 |
| 575 | 2.9 | 10 | 40 | 400 | 0.06 | 785 | 44 | NMRV030/040 | NRV030/040 |
| 540 | 2.3 | 20 | 25 | 500 | 0.04 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.9 | 20 | 30 | 600 | 0.05 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.5 | 25 | 30 | 750 | 0.04 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.3 | 30 | 30 | 900 | 0.04 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.0 | 40 | 30 | 1200 | 0.03 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 0.8 | 50 | 30 | 1500 | 0.03 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 0.6 | 60 | 30 | 1800 | 0.02 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 575 | 0.5 | 60 | 40 | 2400 | 0.02 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 531 | 0.4 | 60 | 50 | 3000 | 0.01 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 425 | 0.3 | 50 | 80 | 4000 | 0.01 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 380 | 0.2 | 50 | 100 | 5000 | 0.01 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 1212 | 11 | 10 | 10 | 100 | 0.35 | 1076 | 44 | NMRV030/050 | NRV030/050 |
| 1194 | 7.6 | 10 | 15 | 150 | 0.25 | 1088 | 44 | NMRV030/050 | NRV030/050 |
| 1062 | 5.7 | 10 | 20 | 200 | 0.17 | 1088 | 44 | NMRV030/050 | NRV030/050 |
| 973 | 4.6 | 10 | 25 | 250 | 0.14 | 1088 | 44 | NMRV030/050 | NRV030/050 |
| 1283 | 3.8 | 10 | 30 | 300 | 0.16 | 1088 | 44 | NMRV030/050 | NRV030/050 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1097 | 2.9 | 10 | 40 | 400 | 0.12 | 1088 | 44 | NMRV030/050 | NRV030/050 |
| 1062 | 2.3 | 10 | 50 | 500 | 0.10 | 1088 | 44 | NMRV030/050 | NRV030/050 |
| 1283 | 1.9 | 20 | 30 | 600 | 0.09 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.5 | 25 | 30 | 750 | 0.08 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.3 | 30 | 30 | 900 | 0.07 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.0 | 40 | 30 | 1200 | 0.06 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 0.8 | 50 | 30 | 1500 | 0.05 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 0.6 | 60 | 30 | 1800 | 0.04 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1097 | 0.5 | 60 | 40 | 2400 | 0.03 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1062 | 0.4 | 60 | 50 | 3000 | 0.03 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 726 | 0.3 | 50 | 80 | 4000 | 0.02 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 699 | 0.2 | 50 | 100 | 5000 | 0.01 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1212 | 11 | 10 | 10 | 100 | 0.34 | 1076 | 79 | NMRV040/050 | NRV040/050 |
| 1194 | 7.6 | 10 | 15 | 150 | 0.24 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 5.7 | 10 | 20 | 200 | 0.17 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 973 | 4.6 | 10 | 25 | 250 | 0.13 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 3.8 | 10 | 30 | 300 | 0.16 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1097 | 2.9 | 10 | 40 | 400 | 0.11 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1212 | 2.3 | 50 | 10 | 500 | 0.09 | 1076 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 1.9 | 20 | 30 | 600 | 0.09 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 1.5 | 25 | 30 | 750 | 0.07 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1194 | 1.3 | 60 | 15 | 900 | 0.06 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 1.0 | 40 | 30 | 1200 | 0.05 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 0.8 | 50 | 30 | 1500 | 0.04 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 0.6 | 60 | 30 | 1800 | 0.04 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1097 | 0.5 | 60 | 40 | 2400 | 0.03 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.4 | 60 | 50 | 3000 | 0.02 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.3 | 80 | 50 | 4000 | 0.02 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.2 | 100 | 50 | 5000 | 0.02 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1381 | 11 | 10 | 10 | 100 | 0.39 | 1407 | 44 | NMRV-P030/063 | NRV-P030/063 |
| 1930 | 7.6 | 10 | 15 | 150 | 0.39 | 1410 | 44 | NMRV-P030/063 | NRV-P030/063 |
| 2239 | 5.7 | 10 | 20 | 200 | 0.36 | 1410 | 44 | NMRV-P030/063 | NRV-P030/063 |
| 2044 | 4.6 | 10 | 25 | 250 | 0.28 | 1410 | 44 | NMRV-P030/063 | NRV-P030/063 |
| 2259 | 3.8 | 7.5 | 40 | 300 | 0.30 | 1410 | 39 | NMRV-P030/063 | NRV-P030/063 |
| 2259 | 2.9 | 10 | 40 | 400 | 0.23 | 1410 | 44 | NMRV-P030/063 | NRV-P030/063 |
| 2103 | 2.3 | 10 | 50 | 500 | 0.18 | 1410 | 44 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 1.9 | 20 | 30 | 600 | 0.18 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 1.5 | 25 | 30 | 750 | 0.15 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 1.3 | 30 | 30 | 900 | 0.13 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 1.0 | 40 | 30 | 1200 | 0.11 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 0.8 | 50 | 30 | 1500 | 0.10 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2531 | 0.6 | 60 | 30 | 1800 | 0.09 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2259 | 0.5 | 60 | 40 | 2400 | 0.06 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2103 | 0.4 | 60 | 50 | 3000 | 0.05 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2103 | 0.3 | 80 | 50 | 4000 | 0.04 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 1327 | 0.2 | 50 | 100 | 5000 | 0.03 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2434 | 11 | 10 | 10 | 100 | 0.67 | 1407 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2404 | 7.6 | 10 | 15 | 150 | 0.47 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2239 | 5.7 | 10 | 20 | 200 | 0.35 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2044 | 4.6 | 10 | 25 | 250 | 0.27 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 3.8 | 10 | 30 | 300 | 0.31 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2259 | 2.9 | 10 | 40 | 400 | 0.23 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2044 | 2.3 | 20 | 25 | 500 | 0.15 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 1.9 | 20 | 30 | 600 | 0.16 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 1.5 | 25 | 30 | 750 | 0.14 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 1.3 | 30 | 30 | 900 | 0.12 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 1.0 | 40 | 30 | 1200 | 0.10 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2531 | 0.8 | 50 | 30 | 1500 | 0.08 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 2531 | 0.6 | 60 | 30 | 1800 | 0.08 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2259 | 0.5 | 60 | 40 | 2400 | 0.06 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2103 | 0.4 | 60 | 50 | 3000 | 0.04 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2103 | 0.3 | 80 | 50 | 4000 | 0.04 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2103 | 0.2 | 100 | 50 | 5000 | 0.03 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 3216 | 11 | 10 | 10 | 100 | 0.88 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3766 | 7.6 | 10 | 15 | 150 | 0.72 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3716 | 5.7 | 10 | 20 | 200 | 0.57 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3359 | 4.6 | 10 | 25 | 250 | 0.43 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 3.8 | 10 | 30 | 300 | 0.46 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3664 | 2.9 | 10 | 40 | 400 | 0.34 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3257 | 2.3 | 10 | 50 | 500 | 0.27 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 1.9 | 20 | 30 | 600 | 0.25 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 1.5 | 25 | 30 | 750 | 0.20 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 1.3 | 30 | 30 | 900 | 0.19 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 1.0 | 40 | 30 | 1200 | 0.15 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 0.8 | 50 | 30 | 1500 | 0.13 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3970 | 0.6 | 60 | 30 | 1800 | 0.11 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3664 | 0.5 | 60 | 40 | 2400 | 0.08 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3257 | 0.4 | 60 | 50 | 3000 | 0.07 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3257 | 0.3 | 80 | 50 | 4000 | 0.06 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3257 | 0.2 | 100 | 50 | 5000 | 0.05 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3298 | 11 | 10 | 10 | 100 | 0.88 | 1838 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4682 | 7.6 | 10 | 15 | 150 | 0.88 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5399 | 5.7 | 10 | 20 | 200 | 0.79 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5045 | 4.6 | 10 | 25 | 250 | 0.61 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 3.8 | 10 | 30 | 300 | 0.68 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5399 | 2.9 | 10 | 40 | 400 | 0.48 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4956 | 2.3 | 10 | 50 | 500 | 0.38 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 1.9 | 20 | 30 | 600 | 0.37 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 1.5 | 25 | 30 | 750 | 0.30 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 1.3 | 30 | 30 | 900 | 0.28 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 1.0 | 40 | 30 | 1200 | 0.22 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 0.8 | 50 | 30 | 1500 | 0.19 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6196 | 0.6 | 60 | 30 | 1800 | 0.17 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5399 | 0.5 | 60 | 40 | 2400 | 0.12 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4956 | 0.4 | 60 | 50 | 3000 | 0.09 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4956 | 0.3 | 80 | 50 | 4000 | 0.08 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4956 | 0.2 | 100 | 50 | 5000 | 0.07 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5222 | 11 | 10 | 10 | 100 | 1.36 | 1838 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5842 | 7.6 | 10 | 15 | 150 | 1.07 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5399 | 5.7 | 10 | 20 | 200 | 0.77 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5045 | 4.6 | 10 | 25 | 250 | 0.60 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 3.8 | 10 | 30 | 300 | 0.66 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5399 | 2.9 | 10 | 40 | 400 | 0.47 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5045 | 2.3 | 20 | 25 | 500 | 0.33 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 1.9 | 20 | 30 | 600 | 0.36 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 1.5 | 25 | 30 | 750 | 0.30 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 1.3 | 30 | 30 | 900 | 0.27 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 1.0 | 40 | 30 | 1200 | 0.22 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 0.8 | 50 | 30 | 1500 | 0.18 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6196 | 0.6 | 60 | 30 | 1800 | 0.16 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5399 | 0.5 | 60 | 40 | 2400 | 0.12 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4956 | 0.4 | 60 | 50 | 3000 | 0.09 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4956 | 0.3 | 80 | 50 | 4000 | 0.08 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4956 | 0.2 | 100 | 50 | 5000 | 0.07 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6134 | 11 | 10 | 10 | 100 | 1.59 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 8822 | 7.6 | 10 | 15 | 150 | 1.59 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 10081 | 5.7 | 10 | 20 | 200 | 1.40 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10382 | 4.6 | 10 | 25 | 250 | 1.19 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 3.8 | 10 | 30 | 300 | 1.21 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10488 | 2.9 | 10 | 40 | 400 | 0.88 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10382 | 2.3 | 20 | 25 | 500 | 0.65 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 1.9 | 20 | 30 | 600 | 0.66 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 1.5 | 25 | 30 | 750 | 0.55 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 1.3 | 30 | 30 | 900 | 0.49 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 1.0 | 40 | 30 | 1200 | 0.39 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 0.8 | 50 | 30 | 1500 | 0.33 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11196 | 0.6 | 60 | 30 | 1800 | 0.30 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10488 | 0.5 | 60 | 40 | 2400 | 0.22 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9736 | 0.4 | 60 | 50 | 3000 | 0.17 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9736 | 0.3 | 80 | 50 | 4000 | 0.14 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9736 | 0.2 | 100 | 50 | 5000 | 0.12 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9975 | 11 | 10 | 10 | 100 | 2.58 | 2320 | 150 | NMRV-P063/110 | NRV-P063/110 |
| 10585 | 7.6 | 10 | 15 | 150 | 1.91 | 2320 | 150 | NMRV-P063/110 | NRV-P063/110 |
| 10081 | 5.7 | 10 | 20 | 200 | 1.40 | 2320 | 150 | NMRV-P063/110 | NRV-P063/110 |
| 10382 | 4.6 | 10 | 25 | 250 | 1.18 | 2320 | 150 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 3.8 | 10 | 30 | 300 | 1.20 | 2320 | 150 | NMRV-P063/110 | NRV-P063/110 |
| 10488 | 2.9 | 10 | 40 | 400 | 0.87 | 2320 | 150 | NMRV-P063/110 | NRV-P063/110 |
| 10382 | 2.3 | 20 | 25 | 500 | 0.63 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 1.9 | 20 | 30 | 600 | 0.65 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 1.5 | 25 | 30 | 750 | 0.53 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 1.3 | 30 | 30 | 900 | 0.47 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 1.0 | 40 | 30 | 1200 | 0.38 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 0.8 | 50 | 30 | 1500 | 0.32 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11196 | 0.6 | 60 | 30 | 1800 | 0.28 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10488 | 0.5 | 60 | 40 | 2400 | 0.20 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9736 | 0.4 | 60 | 50 | 3000 | 0.16 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9736 | 0.3 | 80 | 50 | 4000 | 0.13 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9736 | 0.2 | 100 | 50 | 5000 | 0.12 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10218 | 11 | 10 | 10 | 100 | 2.65 | 3035 | 150 | NMRV-P063/130 | NRV-P063/130 |
| 14382 | 7.6 | 10 | 15 | 150 | 2.65 | 3035 | 150 | NMRV-P063/130 | NRV-P063/130 |
| 14161 | 5.7 | 10 | 20 | 200 | 1.98 | 3035 | 150 | NMRV-P063/130 | NRV-P063/130 |
| 13542 | 4.6 | 10 | 25 | 250 | 1.56 | 3035 | 150 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 3.8 | 10 | 30 | 300 | 1.65 | 3035 | 150 | NMRV-P063/130 | NRV-P063/130 |
| 14603 | 2.9 | 10 | 40 | 400 | 1.22 | 3035 | 150 | NMRV-P063/130 | NRV-P063/130 |
| 13719 | 2.3 | 10 | 50 | 500 | 0.96 | 3035 | 150 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 1.9 | 20 | 30 | 600 | 0.88 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 1.5 | 25 | 30 | 750 | 0.73 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 1.3 | 30 | 30 | 900 | 0.65 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 1.0 | 40 | 30 | 1200 | 0.52 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 0.8 | 50 | 30 | 1500 | 0.44 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15578 | 0.6 | 60 | 30 | 1800 | 0.39 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 14603 | 0.5 | 60 | 40 | 2400 | 0.28 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13719 | 0.4 | 60 | 50 | 3000 | 0.22 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13719 | 0.3 | 80 | 50 | 4000 | 0.18 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13719 | 0.2 | 100 | 50 | 5000 | 0.16 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 18516 | 7.6 | 7.5 | 20 | 150 | 3.36 | 4047 | 130 | NMRV-P063/150 | NRV-P063/150 |
| 18923 | 5.7 | 10 | 20 | 200 | 2.65 | 4047 | 150 | NMRV-P063/150 | NRV-P063/150 |
| 18144 | 4.6 | 10 | 25 | 250 | 2.09 | 4047 | 150 | NMRV-P063/150 | NRV-P063/150 |
| 20710 | 3.8 | 15 | 20 | 300 | 2.00 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 23631 | 2.9 | 10 | 40 | 400 | 1.94 | 4047 | 150 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 2.3 | 10 | 50 | 500 | 1.44 | 4047 | 150 | NMRV-P063/150 | NRV-P063/150 |
| 23631 | 1.9 | 15 | 40 | 600 | 1.34 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 1.5 | 15 | 50 | 750 | 1.00 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 18587 | 1.3 | 30 | 30 | 900 | 0.72 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 23631 | 1.0 | 30 | 40 | 1200 | 0.76 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 18587 | 0.6 | 60 | 30 | 1800 | 0.43 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 23631 | 0.5 | 60 | 40 | 2400 | 0.45 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 0.4 | 60 | 50 | 3000 | 0.34 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 0.3 | 80 | 50 | 4000 | 0.28 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20622 | 0.2 | 100 | 50 | 5000 | 0.25 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |

Double Worm Gear Reducer Ratings - Input Speed 875 rpm

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|-------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 283 | 8.8 | 10 | 10 | 100 | 0.06 | 411 | - | NMRV025/030 | - |
| 248 | 5.8 | 7.5 | 20 | 150 | 0.04 | 411 | - | NMRV025/030 | - |
| 248 | 4.4 | 10 | 20 | 200 | 0.03 | 411 | - | NMRV025/030 | - |
| 301 | 3.5 | 10 | 25 | 250 | 0.04 | 411 | - | NMRV025/030 | - |
| 274 | 2.9 | 10 | 30 | 300 | 0.03 | 411 | - | NMRV025/030 | - |
| 248 | 2.2 | 20 | 20 | 400 | 0.02 | 411 | - | NMRV025/030 | - |
| 301 | 1.8 | 20 | 25 | 500 | 0.02 | 411 | - | NMRV025/030 | - |
| 274 | 1.5 | 20 | 30 | 600 | 0.02 | 411 | - | NMRV025/030 | - |
| 301 | 1.2 | 30 | 25 | 750 | 0.02 | 411 | - | NMRV025/030 | - |
| 274 | 1.0 | 30 | 30 | 900 | 0.01 | 411 | - | NMRV025/030 | - |
| 248 | 0.7 | 30 | 40 | 1200 | 0.01 | 411 | - | NMRV025/030 | - |
| 230 | 0.6 | 30 | 50 | 1500 | 0.01 | 411 | - | NMRV025/030 | - |
| 274 | 0.5 | 60 | 30 | 1800 | 0.01 | 411 | - | NMRV025/030 | - |
| 248 | 0.4 | 60 | 40 | 2400 | 0.01 | 411 | - | NMRV025/030 | - |
| 230 | 0.3 | 60 | 50 | 3000 | 0.005 | 411 | - | NMRV025/030 | - |
| 177 | 0.2 | 50 | 80 | 4000 | 0.003 | 411 | - | NMRV025/030 | - |
| 628 | 8.8 | 10 | 10 | 100 | 0.14 | 784 | - | NMRV025/040 | - |
| 575 | 5.8 | 7.5 | 20 | 150 | 0.09 | 784 | - | NMRV025/040 | - |
| 575 | 4.4 | 10 | 20 | 200 | 0.07 | 784 | - | NMRV025/040 | - |
| 540 | 3.5 | 10 | 25 | 250 | 0.06 | 784 | - | NMRV025/040 | - |
| 646 | 2.9 | 10 | 30 | 300 | 0.06 | 784 | - | NMRV025/040 | - |
| 575 | 2.2 | 20 | 20 | 400 | 0.04 | 784 | - | NMRV025/040 | - |
| 540 | 1.8 | 20 | 25 | 500 | 0.03 | 784 | - | NMRV025/040 | - |
| 646 | 1.5 | 20 | 30 | 600 | 0.03 | 784 | - | NMRV025/040 | - |
| 540 | 1.2 | 30 | 25 | 750 | 0.02 | 784 | - | NMRV025/040 | - |
| 646 | 1.0 | 15 | 60 | 900 | 0.03 | 784 | - | NMRV025/040 | - |
| 575 | 0.7 | 30 | 40 | 1200 | 0.02 | 784 | - | NMRV025/040 | - |
| 531 | 0.6 | 30 | 50 | 1500 | 0.02 | 784 | - | NMRV025/040 | - |
| 646 | 0.5 | 60 | 30 | 1800 | 0.02 | 784 | - | NMRV025/040 | - |
| 575 | 0.4 | 60 | 40 | 2400 | 0.01 | 784 | - | NMRV025/040 | - |
| 531 | 0.3 | 60 | 50 | 3000 | 0.01 | 784 | - | NMRV025/040 | - |
| 425 | 0.2 | 50 | 80 | 4000 | 0.01 | 784 | - | NMRV025/040 | - |
| 380 | 0.2 | 50 | 100 | 5000 | 0.01 | 784 | - | NMRV025/040 | - |
| 628 | 8.8 | 10 | 10 | 100 | 0.14 | 784 | 47 | NMRV030/040 | NRV030/040 |
| 637 | 5.8 | 10 | 15 | 150 | 0.10 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 575 | 4.4 | 10 | 20 | 200 | 0.07 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 540 | 3.5 | 10 | 25 | 250 | 0.06 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 2.9 | 10 | 30 | 300 | 0.06 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 575 | 2.2 | 10 | 40 | 400 | 0.05 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 540 | 1.8 | 20 | 25 | 500 | 0.03 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.5 | 20 | 30 | 600 | 0.04 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.2 | 25 | 30 | 750 | 0.03 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 1.0 | 30 | 30 | 900 | 0.03 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 0.7 | 40 | 30 | 1200 | 0.02 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 0.6 | 50 | 30 | 1500 | 0.02 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 646 | 0.5 | 60 | 30 | 1800 | 0.02 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 575 | 0.4 | 60 | 40 | 2400 | 0.01 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 531 | 0.3 | 60 | 50 | 3000 | 0.01 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 425 | 0.2 | 50 | 80 | 4000 | 0.01 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 380 | 0.2 | 50 | 100 | 5000 | 0.01 | 785 | 47 | NMRV030/040 | NRV030/040 |
| 1212 | 8.8 | 10 | 10 | 100 | 0.27 | 1076 | 47 | NMRV030/050 | NRV030/050 |
| 1194 | 5.8 | 10 | 15 | 150 | 0.19 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1062 | 4.4 | 10 | 20 | 200 | 0.14 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 973 | 3.5 | 10 | 25 | 250 | 0.11 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 2.9 | 10 | 30 | 300 | 0.13 | 1088 | 47 | NMRV030/050 | NRV030/050 |

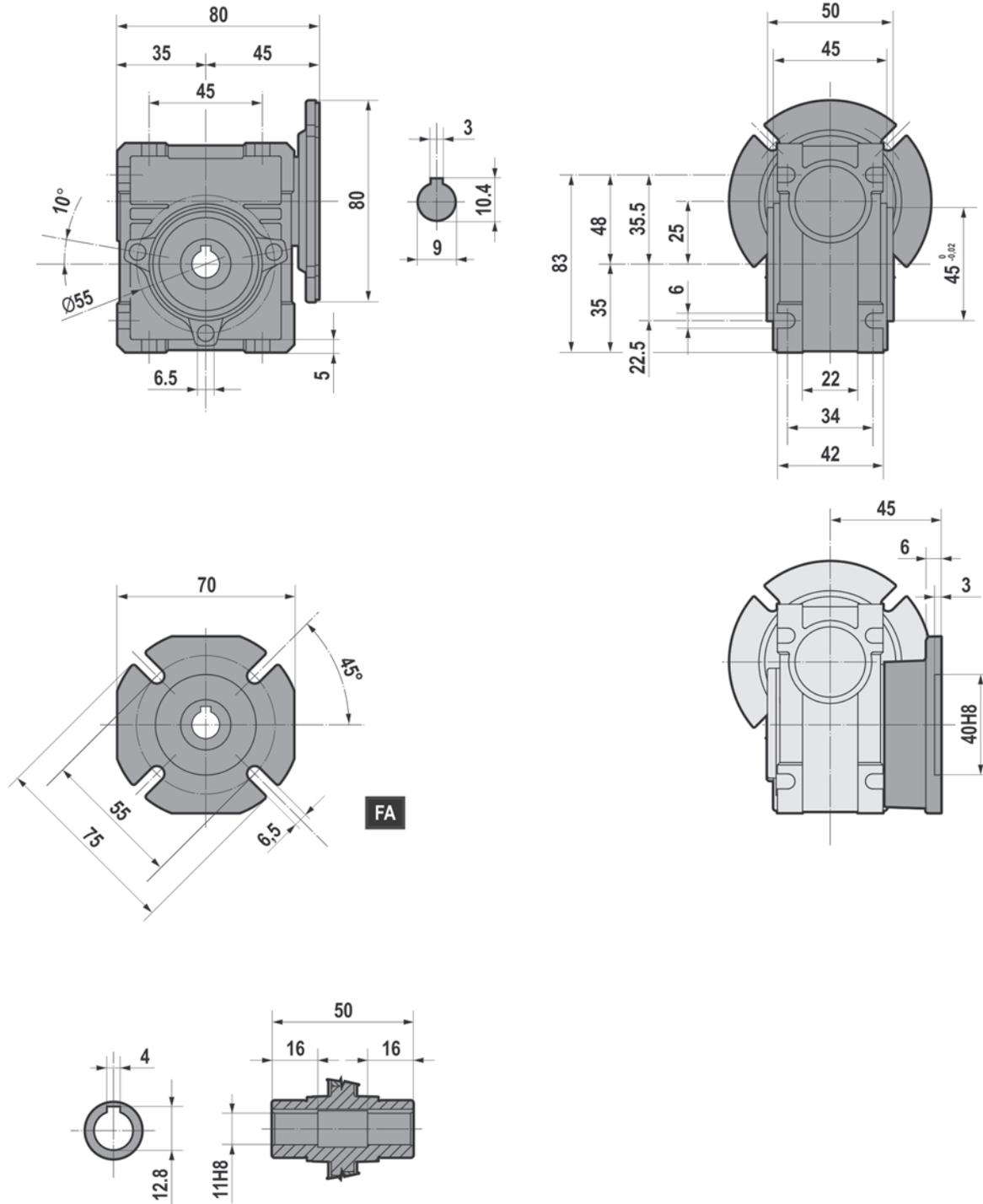
| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 1097 | 2.2 | 10 | 40 | 400 | 0.09 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1062 | 1.8 | 10 | 50 | 500 | 0.07 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.5 | 20 | 30 | 600 | 0.07 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.2 | 25 | 30 | 750 | 0.06 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 1.0 | 30 | 30 | 900 | 0.06 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 0.7 | 40 | 30 | 1200 | 0.05 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 0.6 | 50 | 30 | 1500 | 0.04 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1283 | 0.5 | 60 | 30 | 1800 | 0.04 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1097 | 0.4 | 60 | 40 | 2400 | 0.03 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1062 | 0.3 | 60 | 50 | 3000 | 0.02 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 726 | 0.2 | 50 | 80 | 4000 | 0.01 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 699 | 0.2 | 50 | 100 | 5000 | 0.01 | 1088 | 47 | NMRV030/050 | NRV030/050 |
| 1212 | 8.8 | 10 | 10 | 100 | 0.26 | 1076 | 79 | NMRV040/050 | NRV040/050 |
| 1194 | 5.8 | 10 | 15 | 150 | 0.19 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 4.4 | 10 | 20 | 200 | 0.13 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 973 | 3.5 | 10 | 25 | 250 | 0.10 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 2.9 | 10 | 30 | 300 | 0.12 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1097 | 2.2 | 10 | 40 | 400 | 0.09 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1212 | 1.8 | 50 | 10 | 500 | 0.08 | 1076 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 1.5 | 20 | 30 | 600 | 0.07 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 1.2 | 25 | 30 | 750 | 0.06 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1194 | 1.0 | 60 | 15 | 900 | 0.05 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 0.7 | 40 | 30 | 1200 | 0.04 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 0.6 | 50 | 30 | 1500 | 0.04 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1283 | 0.5 | 60 | 30 | 1800 | 0.03 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1097 | 0.4 | 60 | 40 | 2400 | 0.02 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.3 | 60 | 50 | 3000 | 0.02 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.2 | 80 | 50 | 4000 | 0.02 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1062 | 0.2 | 100 | 50 | 5000 | 0.01 | 1088 | 79 | NMRV040/050 | NRV040/050 |
| 1451 | 8.8 | 10 | 10 | 100 | 0.32 | 1407 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2027 | 5.8 | 10 | 15 | 150 | 0.32 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2239 | 4.4 | 10 | 20 | 200 | 0.28 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2044 | 3.5 | 10 | 25 | 250 | 0.21 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2258 | 2.9 | 7.5 | 40 | 300 | 0.23 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2258 | 2.2 | 10 | 40 | 400 | 0.18 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2102 | 1.8 | 10 | 50 | 500 | 0.14 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2530 | 1.5 | 20 | 30 | 600 | 0.14 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2530 | 1.2 | 25 | 30 | 750 | 0.12 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2530 | 1.0 | 30 | 30 | 900 | 0.11 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2530 | 0.7 | 40 | 30 | 1200 | 0.09 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2530 | 0.6 | 50 | 30 | 1500 | 0.08 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2530 | 0.5 | 60 | 30 | 1800 | 0.07 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2258 | 0.4 | 60 | 40 | 2400 | 0.05 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2102 | 0.3 | 60 | 50 | 3000 | 0.04 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2102 | 0.2 | 80 | 50 | 4000 | 0.03 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 1327 | 0.2 | 50 | 100 | 5000 | 0.02 | 1410 | 47 | NMRV-P030/063 | NRV-P030/063 |
| 2433 | 8.8 | 10 | 10 | 100 | 0.52 | 1407 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2404 | 5.8 | 10 | 15 | 150 | 0.37 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2239 | 4.4 | 10 | 20 | 200 | 0.27 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2044 | 3.5 | 10 | 25 | 250 | 0.21 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 2.9 | 10 | 30 | 300 | 0.24 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2258 | 2.2 | 10 | 40 | 400 | 0.17 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2044 | 1.8 | 20 | 25 | 500 | 0.11 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 1.5 | 20 | 30 | 600 | 0.13 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 1.2 | 25 | 30 | 750 | 0.11 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 1.0 | 30 | 30 | 900 | 0.10 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 0.7 | 40 | 30 | 1200 | 0.08 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2530 | 0.6 | 50 | 30 | 1500 | 0.07 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 2530 | 0.5 | 60 | 30 | 1800 | 0.06 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2258 | 0.4 | 60 | 40 | 2400 | 0.04 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2102 | 0.3 | 60 | 50 | 3000 | 0.04 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2102 | 0.2 | 80 | 50 | 4000 | 0.03 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 2102 | 0.2 | 100 | 50 | 5000 | 0.03 | 1410 | 79 | NMRV-P040/063 | NRV-P040/063 |
| 3358 | 8.8 | 10 | 10 | 100 | 0.71 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3765 | 5.8 | 10 | 15 | 150 | 0.56 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3715 | 4.4 | 10 | 20 | 200 | 0.44 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3358 | 3.5 | 10 | 25 | 250 | 0.33 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 2.9 | 10 | 30 | 300 | 0.36 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3663 | 2.2 | 10 | 40 | 400 | 0.27 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3256 | 1.8 | 10 | 50 | 500 | 0.21 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 1.5 | 20 | 30 | 600 | 0.19 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 1.2 | 25 | 30 | 750 | 0.16 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 1.0 | 30 | 30 | 900 | 0.15 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 0.7 | 40 | 30 | 1200 | 0.12 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 0.6 | 50 | 30 | 1500 | 0.10 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3969 | 0.5 | 60 | 30 | 1800 | 0.09 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3663 | 0.4 | 60 | 40 | 2400 | 0.07 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3256 | 0.3 | 60 | 50 | 3000 | 0.05 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3256 | 0.2 | 80 | 50 | 4000 | 0.04 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3256 | 0.2 | 100 | 50 | 5000 | 0.04 | 1659 | 79 | NMRV-P040/075 | NRV-P040/075 |
| 3443 | 8.8 | 10 | 10 | 100 | 0.71 | 1838 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4888 | 5.8 | 10 | 15 | 150 | 0.71 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5397 | 4.4 | 10 | 20 | 200 | 0.61 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5043 | 3.5 | 10 | 25 | 250 | 0.48 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6194 | 2.9 | 10 | 30 | 300 | 0.53 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5397 | 2.2 | 10 | 40 | 400 | 0.37 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4955 | 1.8 | 10 | 50 | 500 | 0.30 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6194 | 1.5 | 20 | 30 | 600 | 0.29 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6194 | 1.2 | 25 | 30 | 750 | 0.24 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6194 | 1.0 | 30 | 30 | 900 | 0.22 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6194 | 0.7 | 40 | 30 | 1200 | 0.17 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6194 | 0.6 | 50 | 30 | 1500 | 0.15 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 6194 | 0.5 | 60 | 30 | 1800 | 0.13 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5397 | 0.4 | 60 | 40 | 2400 | 0.09 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4955 | 0.3 | 60 | 50 | 3000 | 0.07 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4955 | 0.2 | 80 | 50 | 4000 | 0.06 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 4955 | 0.2 | 100 | 50 | 5000 | 0.06 | 1839 | 79 | NMRV-P040/090 | NRV-P040/090 |
| 5220 | 8.8 | 10 | 10 | 100 | 1.05 | 1838 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5840 | 5.8 | 10 | 15 | 150 | 0.83 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5397 | 4.4 | 10 | 20 | 200 | 0.60 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5043 | 3.5 | 10 | 25 | 250 | 0.47 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 2.9 | 10 | 30 | 300 | 0.52 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5397 | 2.2 | 10 | 40 | 400 | 0.37 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5043 | 1.8 | 20 | 25 | 500 | 0.26 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 1.5 | 20 | 30 | 600 | 0.28 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 1.2 | 25 | 30 | 750 | 0.24 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 1.0 | 30 | 30 | 900 | 0.21 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 0.7 | 40 | 30 | 1200 | 0.17 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 0.6 | 50 | 30 | 1500 | 0.15 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6194 | 0.5 | 60 | 30 | 1800 | 0.13 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 5397 | 0.4 | 60 | 40 | 2400 | 0.09 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4955 | 0.3 | 60 | 50 | 3000 | 0.07 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4955 | 0.2 | 80 | 50 | 4000 | 0.06 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 4955 | 0.2 | 100 | 50 | 5000 | 0.05 | 1839 | 110 | NMRV-P050/090 | NRV-P050/090 |
| 6593 | 8.8 | 10 | 10 | 100 | 1.33 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9483 | 5.8 | 10 | 15 | 150 | 1.33 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |

| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 10078 | 4.4 | 10 | 20 | 200 | 1.09 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10379 | 3.5 | 10 | 25 | 250 | 0.92 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11193 | 2.9 | 10 | 30 | 300 | 0.94 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10485 | 2.2 | 10 | 40 | 400 | 0.68 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10379 | 1.8 | 20 | 25 | 500 | 0.51 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11193 | 1.5 | 20 | 30 | 600 | 0.52 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11193 | 1.2 | 25 | 30 | 750 | 0.43 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11193 | 1.0 | 30 | 30 | 900 | 0.39 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11193 | 0.7 | 40 | 30 | 1200 | 0.31 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11193 | 0.6 | 50 | 30 | 1500 | 0.27 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 11193 | 0.5 | 60 | 30 | 1800 | 0.24 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 10485 | 0.4 | 60 | 40 | 2400 | 0.17 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9733 | 0.3 | 60 | 50 | 3000 | 0.13 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9733 | 0.2 | 80 | 50 | 4000 | 0.11 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9733 | 0.2 | 100 | 50 | 5000 | 0.10 | 2320 | 110 | NMRV-P050/110 | NRV-P050/110 |
| 9972 | 8.8 | 10 | 10 | 100 | 2.01 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10582 | 5.8 | 10 | 15 | 150 | 1.48 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10078 | 4.4 | 10 | 20 | 200 | 1.09 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10379 | 3.5 | 10 | 25 | 250 | 0.92 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 2.9 | 10 | 30 | 300 | 0.94 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10485 | 2.2 | 10 | 40 | 400 | 0.68 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10379 | 1.8 | 20 | 25 | 500 | 0.50 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 1.5 | 20 | 30 | 600 | 0.51 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 1.2 | 25 | 30 | 750 | 0.42 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 1.0 | 30 | 30 | 900 | 0.37 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 0.7 | 40 | 30 | 1200 | 0.30 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 0.6 | 50 | 30 | 1500 | 0.26 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 11193 | 0.5 | 60 | 30 | 1800 | 0.23 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10485 | 0.4 | 60 | 40 | 2400 | 0.16 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9733 | 0.3 | 60 | 50 | 3000 | 0.13 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9733 | 0.2 | 80 | 50 | 4000 | 0.11 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 9733 | 0.2 | 100 | 50 | 5000 | 0.09 | 2320 | 157 | NMRV-P063/110 | NRV-P063/110 |
| 10967 | 8.8 | 10 | 10 | 100 | 2.21 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15042 | 5.8 | 10 | 15 | 150 | 2.16 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 14157 | 4.4 | 10 | 20 | 200 | 1.54 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13538 | 3.5 | 10 | 25 | 250 | 1.21 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 2.9 | 10 | 30 | 300 | 1.28 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 14599 | 2.2 | 10 | 40 | 400 | 0.95 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13715 | 1.8 | 10 | 50 | 500 | 0.75 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 1.5 | 20 | 30 | 600 | 0.70 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 1.2 | 25 | 30 | 750 | 0.57 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 1.0 | 30 | 30 | 900 | 0.51 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 0.7 | 40 | 30 | 1200 | 0.41 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 0.6 | 50 | 30 | 1500 | 0.35 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 15573 | 0.5 | 60 | 30 | 1800 | 0.31 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 14599 | 0.4 | 60 | 40 | 2400 | 0.23 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13715 | 0.3 | 60 | 50 | 3000 | 0.18 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13715 | 0.2 | 80 | 50 | 4000 | 0.15 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 13715 | 0.2 | 100 | 50 | 5000 | 0.13 | 3035 | 157 | NMRV-P063/130 | NRV-P063/130 |
| 20040 | 5.8 | 7.5 | 20 | 150 | 2.81 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20310 | 4.4 | 10 | 20 | 200 | 2.21 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 18139 | 3.5 | 10 | 25 | 250 | 1.62 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20704 | 2.9 | 15 | 20 | 300 | 1.56 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 23624 | 2.2 | 10 | 40 | 400 | 1.51 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20616 | 1.8 | 10 | 50 | 500 | 1.12 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 23624 | 1.5 | 15 | 40 | 600 | 1.04 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20616 | 1.2 | 15 | 50 | 750 | 0.78 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 18581 | 1.0 | 30 | 30 | 900 | 0.57 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |

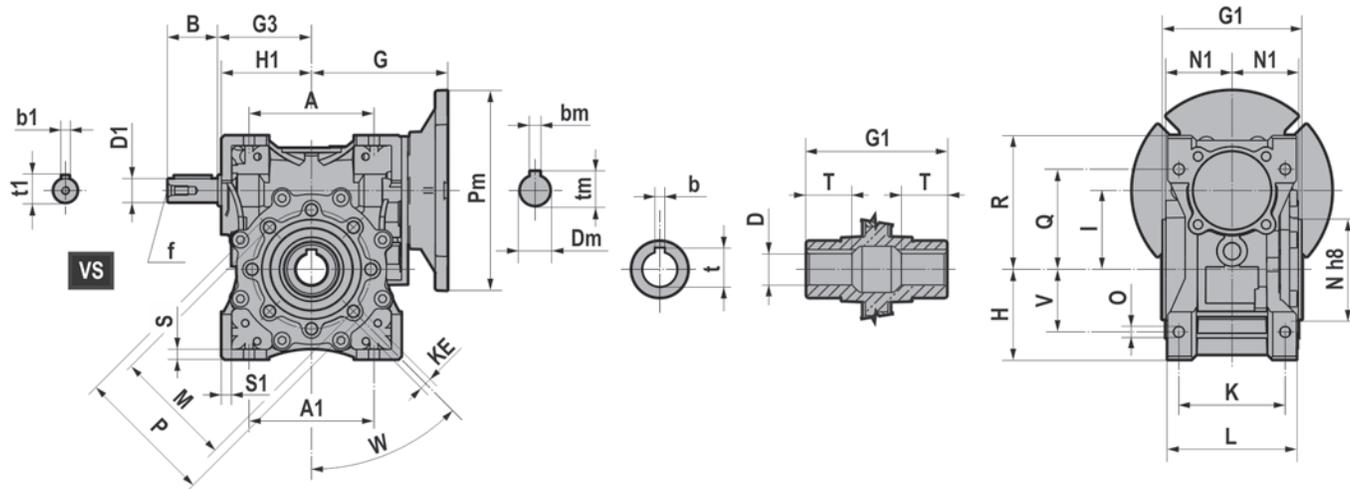
| Maximum Torque in-lbs | Output Speed RPM | Ratio Stage 1 | Ratio Stage 2 | Total Ratio i | Maximum Power HP | OHL | | Gear Reducer | |
|--------------------------|---------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|--------------|
| | | | | | | Output Shaft lbs | Input Shaft lbs | Motorized Input | Shaft Input |
| 23624 | 0.7 | 30 | 40 | 1200 | 0.60 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 18581 | 0.5 | 60 | 30 | 1800 | 0.34 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 23624 | 0.4 | 60 | 40 | 2400 | 0.36 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20616 | 0.3 | 60 | 50 | 3000 | 0.27 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20616 | 0.2 | 80 | 50 | 4000 | 0.23 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |
| 20616 | 0.2 | 100 | 50 | 5000 | 0.20 | 4047 | 157 | NMRV-P063/150 | NRV-P063/150 |

NMRV 025 - Dimensions



- Weight without motor ~1.54 lb
- the above values are expressed in millimeters

NMRV/NMRV-P 030-150 - Dimensions



| | 025 | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|------------|---------|-----------|-----------|-----------|-----------|----------------------------------|----------------------------------|------------------------------|------------|------------|
| A | 1.77 | 2.13 | 2.76 | 3.15 | 3.94 | 4.72 | 5.51 | 6.69 | 7.87 | 9.45 |
| A1 | 1.77 | 2.13 | 2.76 | 3.15 | 3.94 | 4.72 | 5.51 | 6.46 - 6.69 | 7.87 | 9.45 |
| B | - | 1.18 | 1.18 | 1.57 | 1.97 | 2.36 | 2.36 | 2.76 | 3.15 | 3.15 |
| D | - | 0.625 | 0.750 | 1.000 | 1.125 | 1.250 | 1.375 | 1.625 | 1.750 | 2.000 |
| D1 | - | 0.375 | 0.500 | 0.625 | 0.750 | 0.875 | 0.875 | 1.125 | 1.250 | 1.375 |
| G | - | 2.64 | 3.15 | 3.54 | 4.82 | 5.51 (56C/140TC) 5.89 (180TC) | 6.24 (56C/140TC) 6.63 (180TC) | 6.24 (140TC) 7.15 (180TC) | 7.60 | 8.46 |
| G1 | 1.97 | 2.48 | 3.07 | 3.62 | 4.41 | 4.72 | 5.51 | 6.10 | 6.69 | 7.87 |
| G3 | - | 1.77 | 2.09 | 2.52 | 2.95 | 3.54 | 4.25 | 5.31 | 6.10 | 6.89 |
| H | 1.38 | 1.57 | 1.97 | 2.36 | 2.83 | 3.39 | 4.06 | 5.02 | 5.81 | 6.69 |
| H1 | 1.38 | 1.57 | 1.97 | 2.36 | 2.83 | 3.50 | 4.06 | 5.02 | 5.81 | 6.69 |
| I | 0.98 | 1.18 | 1.57 | 1.97 | 2.48 | 2.95 | 3.54 | 4.33 | 5.12 | 5.91 |
| K | 1.34 | 1.73 | 2.36 | 2.76 | 3.35 | 3.54 - 3.74 | 3.94 | 4.53 | 4.72 | 5.71 |
| KE | 6.5 n°3 | M6*11 n°4 | M6*11 n°4 | M8*10 n°4 | M8*14 n°8 | M8*14 n°8 | M10*18 n°8 | M10*18 n°8 | M12*21 n°8 | M12*21 n°8 |
| L | 1.65 | 2.20 | 2.80 | 3.35 | 4.06 | 4.41 | 5.12 | 5.67 | 6.10 | 7.28 |
| M | 2.17 | 2.56 | 2.95 | 3.35 | 3.74 | 4.53 | 5.12 | 6.50 | 8.46 | 8.46 |
| N | 1.77 | 2.17 | 2.36 | 2.76 | 3.15 | 3.74 | 4.33 | 5.12 | 7.09 | 7.09 |
| N1 | 0.89 | 1.14 | 1.44 | 1.71 | 2.09 | 2.24 | 2.64 | 2.91 | 3.19 | 3.78 |
| O | 0.24 | 0.26 | 0.26 | 0.33 | 0.33 | 0.43 | 0.51 | 0.55 | 0.63 | 0.71 |
| P | - | 2.95 | 3.43 | 3.94 | 4.33 | 5.16 | 6.30 | 7.87 | 9.84 | 9.84 |
| Q | 1.40 | 1.73 | 2.17 | 2.52 | 3.15 | 3.66 | 4.02 | 4.92 | 5.51 | 7.09 |
| R | 1.89 | 2.24 | 2.81 | 3.31 | 4.21 | 4.84 | 5.67 | 6.59 | 7.38 | 9.06 |
| S | 0.20 | 0.22 | 0.26 | 0.28 | 0.31 | 0.39 | 0.43 | 0.57 | 0.61 | 0.71 |
| S1 | 0.20 | 0.22 | 0.26 | 0.28 | 0.31 | 0.51 | 0.43 | 0.57 | 0.61 | 0.71 |
| T | 0.63 | 0.83 | 1.02 | 1.18 | 1.42 | 1.57 | 1.77 | 1.97 | 2.36 | 2.85 |
| V | 0.89 | 1.06 | 1.38 | 1.57 | 1.97 | 2.36 | 2.76 | 3.23 - 3.35 | 3.94 | 4.72 |
| W | 0° | 0° | 45° | 45° | 45° | 45° | 45° | 45° | 45° | 45° |
| b | - | 0.1875 | 0.1875 | 0.250 | 0.250 | 0.250 | 0.3125 | 0.375 | 0.375 | 0.500 |
| t | - | 0.71 | 0.84 | 1.11 | 1.24 | 1.37 | 1.52 | 1.80 | 1.92 | 2.22 |
| b1 | - | 0.09375 | 0.125 | 0.1875 | 0.1875 | 0.1875 | 0.1875 | 0.250 | 0.250 | 0.3125 |
| t1 | - | 0.42 | 0.55 | 0.70 | 0.83 | 0.96 | 0.96 | 1.24 | 1.36 | 1.15 |
| f | - | - | - | 1/4-20 | 1/4-20 | 1/4-20 | 1/4-20 | 3/8-16 | 1/2-13 | 1/2-13 |
| ~lb | 2 | 3 | 5 | 8 | 14 | 20 | 29 | 46 | 96 | 170 |

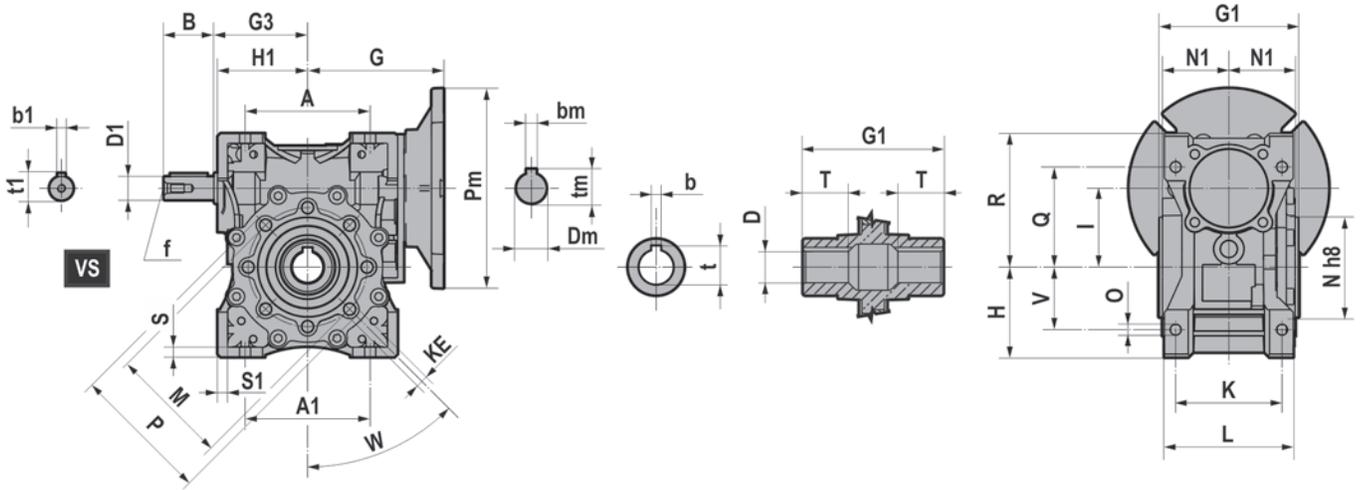
With lubricant
 Without lubricant

(..) Only on request

Dimensions D have tolerance of +0.001 - 0
Dimensions D1 have tolerance of +0 - 0.0005

- For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page 106.

NMRV/NMRV-P 030-150F Output Flange Style

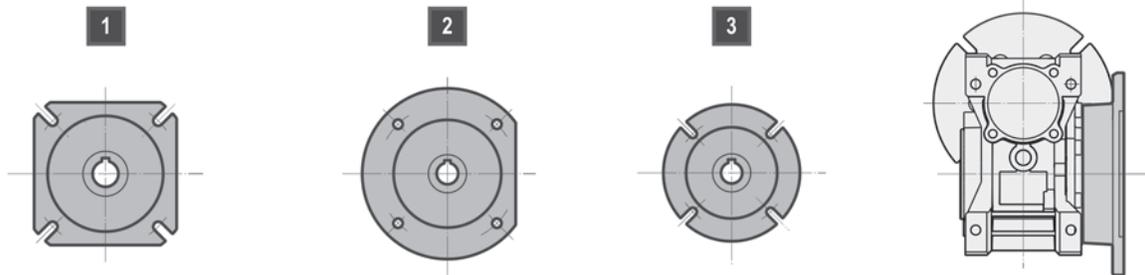


IEC input flange and metric shaft options

Dimensions are in mm

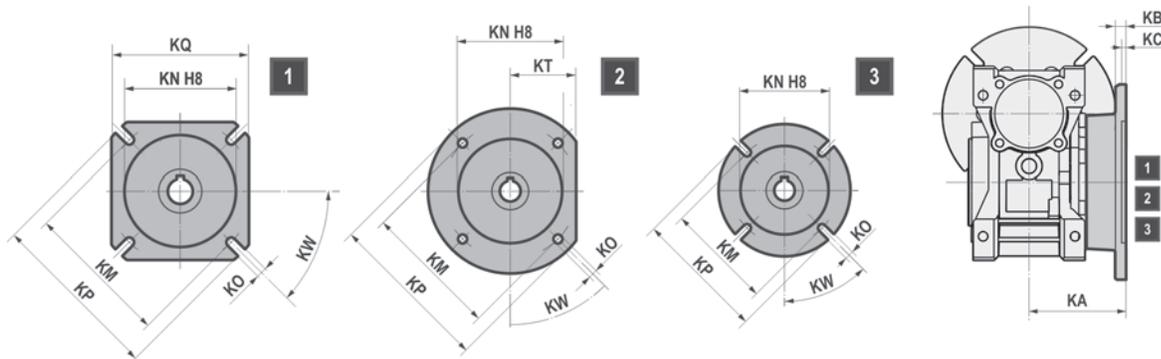
| | 025 | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|----------------|------|------|-------------|-------------|-------------|---------------------------|--------------------|---|------|------|
| D (H8) | 11 | 14 | 18 (19) | 25 (24) | 25 (28) | 28 (30) (32) (35) | 35 (38) (40) | 42 | 45 | 50 |
| D1 (j6) | - | 9 | 11 | 14 | 19 | 24 | 24 | 28 | 30 | 35 |
| G | 45 | 55 | 70 | 80 | 109 | 126.5 | 145 | 185.5 (input flange 132) 168 (input flange 80-112) | 180 | 210 |
| b | 4 | 5 | 6 (6) | 8 (8) | 8 (8) | 8 (8) (10) (10) | 10 (10) (12) | 12 | 14 | 14 |
| t | 12.8 | 16.3 | 20.8 (21.8) | 28.3 (27.3) | 28.3 (31.3) | 31.3 (33.3) (35.3) (38.3) | 38.3 (41.3) (43.3) | 45.3 | 48.8 | 53.8 |
| b1 | - | 3 | 4 | 5 | 6 | 8 | 8 | 8 | 8 | 10 |
| t1 | - | 10.2 | 12.5 | 16 | 21.5 | 27 | 27 | 31 | 33 | 38 |
| f | - | - | - | M6 | M6 | M8 | M8 | M10 | M10 | M12 |

NMRV/NMRV-P 030-150F Output Flange Style



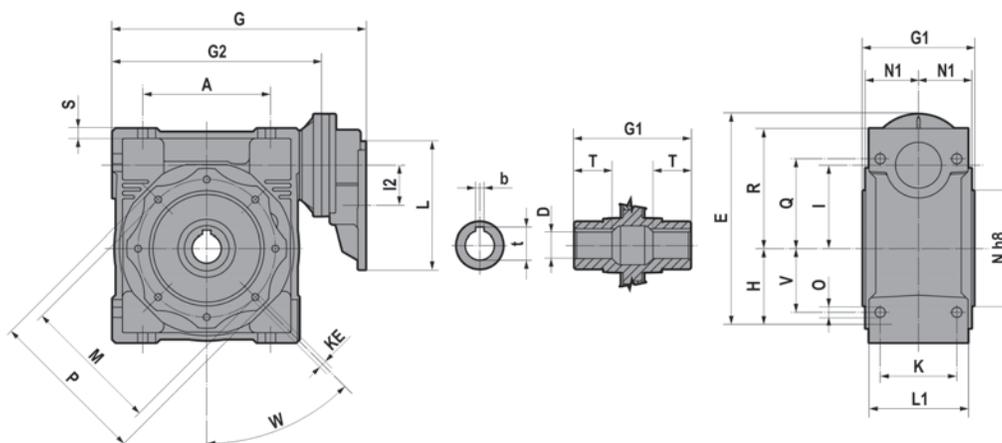
| | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| FA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| FB | - | 1 | 1 | 1 | 3 | 2 | 1 | - | - |
| FC | - | 2 | 2 | 2 | - | 3 | - | - | - |
| FD | - | 2 | 2 | 2 | - | 1 | - | - | - |
| FE | - | - | - | 3 | - | - | - | - | - |

NMRV/NMRV-P030-150F - Dimensions



| | | 025 | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|-----------|-----|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FA | KA | 1.77 | 2.15 | 2.64 | 3.54 | 3.23 | 4.37 | 4.37 | 5.16 | 5.51 | 6.10 |
| | KB | 0.24 | 0.24 | 0.28 | 0.35 | 0.39 | 0.51 | 0.51 | 0.59 | 0.59 | 0.59 |
| | KC | 0.12 | 0.16 | 0.16 | 0.20 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 |
| | KN | 1.57 | 1.97 | 2.36 | 2.76 | 4.53 | 5.12 | 5.98 | 6.69 | 7.09 | 7.09 |
| | KM | 2.17 | 2.68 | 3.15 min | 3.54 min | 5.91 | 6.50 | 6.89 | 9.06 | 10.04 | 10.04 |
| | KO | 0.26 (n ⁴) | 0.26 (n ⁴) | 0.35 (n ⁴) | 0.43 (n ⁴) | 0.43 (n ⁴) | 0.55 (n ⁴) | 0.55 (n ⁴) | 0.55 (n ⁸) | 0.63 (n ⁸) | 0.63 (n ⁸) |
| | KP | 2.95 | 3.15 | 4.33 | 4.92 | 7.09 | 7.87 | 8.27 | 11.02 | 12.60 | 12.60 |
| | KQ | 2.76 | 2.76 | 3.74 | 4.33 | 5.59 | 6.69 | 7.87 | 10.24 | 11.42 | 11.42 |
| KW | 45° | 45° | 45° | 45° | 45° | 45° | 45° | 45° | 22.5° | 22.5° | |
| FB | KA | - | - | 3.82 | 4.72 | 4.41 | 3.54 | 4.80 | 7.09 | - | - |
| | KB | - | - | 0.28 | 0.35 | 0.39 | 0.51 | 0.71 | 0.59 | - | - |
| | KC | - | - | 0.16 | 0.20 | 0.24 | 0.24 | 0.24 | 0.24 | - | - |
| | KN | - | - | 2.36 | 2.76 | 4.53 | 4.33 | 7.09 | 6.69 | - | - |
| | KM | - | - | 3.15 min | 3.54 min | 5.91 | 5.12 | 8.46 | 9.06 | - | - |
| | KO | - | - | 0.35 (n ⁴) | 0.43 (n ⁴) | 0.43 (n ⁴) | 0.55 (n ⁴) | 0.55 (n ⁴) | 0.55 (n ⁸) | - | - |
| | KP | - | - | 4.33 | 4.92 | 7.09 | 6.30 | 9.84 | 11.02 | - | - |
| | KQ | - | - | 3.74 | 4.33 | 5.59 | - | - | 10.24 | - | - |
| FC | KT | - | - | - | - | - | - | 4.13 | - | - | - |
| | KW | - | - | 45° | 45° | 45° | 45° | 45° | 45° | - | - |
| | KA | - | - | 3.15 | 3.50 | 3.86 | - | 4.33 | - | - | - |
| | KB | - | - | 0.35 | 0.39 | 0.39 | - | 0.67 | - | - | - |
| | KC | - | - | 0.20 | 0.20 | 0.20 | - | 0.24 | - | - | - |
| | KN | - | - | 3.74 | 4.33 | 5.12 | - | 5.12 | - | - | - |
| | KM | - | - | 4.53 | 5.12 | 6.50 | - | 6.50 | - | - | - |
| | KO | - | - | 0.37 (n ⁴) | 0.37 (n ⁴) | 0.43 (n ⁴) | - | 0.43 (n ⁴) | - | - | - |
| FD | KP | - | - | 5.51 | 6.30 | 7.87 | - | 7.87 | - | - | - |
| | KT | - | - | 2.20 | 2.60 | 3.15 | - | - | - | - | - |
| | KW | - | - | 45° | 45° | 45° | - | 45° | - | - | - |
| | KA | - | - | 2.28 | 2.83 | 4.21 | - | 5.94 | - | - | - |
| | KB | - | - | 0.47 | 0.57 | 0.39 | - | 0.51 | - | - | - |
| | KC | - | - | 0.20 | 0.20 | 0.20 | - | 0.24 | - | - | - |
| | KN | - | - | 3.15 | 3.74 | 5.12 | - | 5.98 | - | - | - |
| | KM | - | - | 3.94 | 4.53 | 6.50 | - | 6.89 | - | - | - |
| FE | KO | - | - | 0.35 (n ⁴) | 0.43 (n ⁴) | 0.43 (n ⁴) | - | 0.55 (n ⁴) | - | - | - |
| | KP | - | - | 4.72 | 5.51 | 7.87 | - | 8.27 | - | - | - |
| | KQ | - | - | - | - | - | - | 7.87 | - | - | - |
| | KT | - | - | 1.97 | 2.36 | - | - | - | - | - | - |
| | KW | - | - | 45° | 45° | 45° | - | 45° | - | - | - |
| | KA | - | - | - | - | 3.17 | - | - | - | - | - |
| | KB | - | - | - | - | 0.65 | - | - | - | - | - |
| | KC | - | - | - | - | 0.20 | - | - | - | - | - |
| FE | KN | - | - | - | - | 4.33 | - | - | - | - | - |
| | KM | - | - | - | - | 5.12 | - | - | - | - | - |
| | KO | - | - | - | - | 0.43 (n ⁴) | - | - | - | - | - |
| | KP | - | - | - | - | 6.30 | - | - | - | - | - |
| | KW | - | - | - | - | 45° | - | - | - | - | - |

PC+NMRV - Dimensions



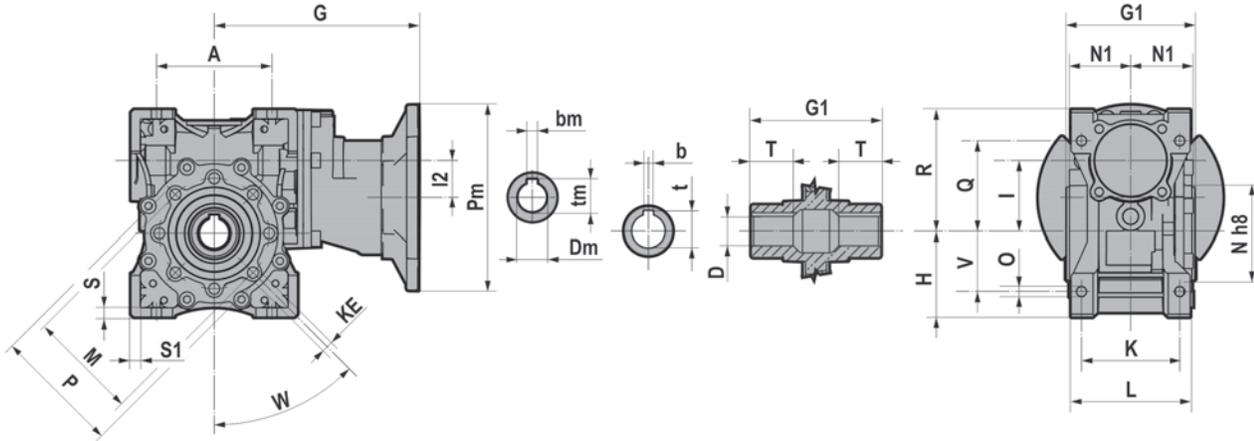
| | PC063+NMRV | | PC071+NMRV | PC080 / PC090+NMRV |
|------------|------------|----------|------------|--------------------|
| | 040 | 050 | 050 | 130 |
| A | 2.76 | 3.15 | 3.15 | 7.87 |
| E | 5.79 | 6.57 | 6.99 | 14.07 |
| G | 6.50 | 7.28 | 7.60 | 15.61 |
| G1 | 3.07 | 3.62 | 3.62 | 6.69 |
| G2 | 4.72 | 5.51 | 5.51 | 12.89 |
| H | 1.97 | 2.36 | 2.36 | 5.81 |
| I | 1.57 | 1.97 | 1.97 | 5.12 |
| I2 | 1.57 | 1.57 | 1.97 | 2.48 |
| L | 5.51 | 5.51 | 6.30 | 7.87 |
| L1 | 2.80 | 3.35 | 3.35 | 6.10 |
| K | 2.36 | 2.76 | 2.76 | 4.72 |
| KE | M6*11(4) | M8*10(4) | M8*10(4) | M12*21(8) |
| M | 2.95 | 3.35 | 3.35 | 8.46 |
| N | 2.36 | 2.76 | 2.76 | 7.09 |
| N1 | 1.44 | 1.71 | 1.71 | 3.19 |
| O | 0.26 | 0.33 | 0.33 | 0.63 |
| P | 3.43 | 3.94 | 3.94 | 9.84 |
| Q | 2.17 | 2.52 | 2.52 | 5.51 |
| R | 2.81 | 3.31 | 3.31 | 7.38 |
| S | 0.26 | 0.28 | 0.28 | 0.61 |
| T | 1.02 | 1.18 | 1.18 | 2.36 |
| V | 1.38 | 1.57 | 1.57 | 3.94 |
| W | 45° | 45° | 45° | 45° |
| D | 0.750 | 1.000 | 1.000 | 1.750 |
| b | 0.1875 | 0.250 | 0.250 | 0.375 |
| t | 0.84 | 1.11 | 1.11 | 1.92 |
| ~lb | 8 | 10 | 11 | 113 |

IEC input flange and metric shaft options

| | 40 | 50 | 130 |
|---------------|-------------|-------------|------|
| D (H8) | 18 (19) | 25 (24) | 45 |
| b | 6 (6) | 8 (8) | 14 |
| t | 20.8 (21.8) | 28.3 (27.3) | 48.8 |

- For all other dimensions, please consider the drawing of relevant NMRV size.
- ~lb Weight without motor

NMRVpower/HW - Dimensions



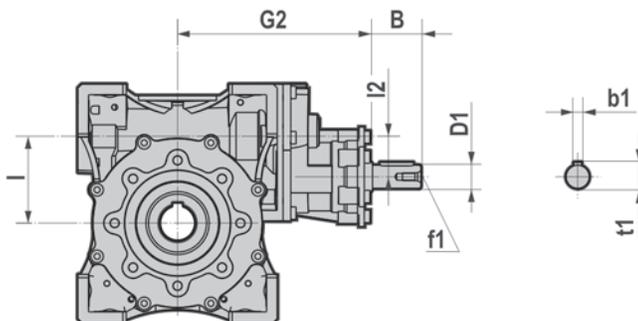
| | HW030 | | HW040 | |
|------------|----------------------|----------------------|------------------------|---------------------------------|
| | 56C/140TC | | 56C/140TC/180TC | |
| | NMRVpower 063 | NMRVpower 075 | NMRVpower 090 | NMRVpower 110 |
| A | 3.94 | 4.72 | 5.51 | 6.69 |
| G | 7.48 | 8.17 | 9.11 | 10.02 (56C/140TC) 10.40 (180TC) |
| G1 | 4.41 | 4.72 | 5.51 | 6.10 |
| H | 2.83 | 3.39 | 4.06 | 5.02 |
| I | 2.48 | 2.95 | 3.54 | 4.33 |
| I2 | 1.26 | 1.26 | 1.65 | 1.65 |
| L | 4.06 | 4.41 | 5.12 | 5.67 |
| K | 3.35 | 3.54 - 3.74 | 3.94 | 4.53 |
| KE | M8*14(8) | M8*14(8) | M10*18(8) | M10*18(8) |
| M | 3.74 | 4.53 | 5.12 | 6.50 |
| N | 3.15 | 3.74 | 4.33 | 5.12 |
| N1 | 2.09 | 2.20 | 2.64 | 2.91 |
| O | 0.33 | 0.43 | 0.51 | 0.55 |
| P | 4.33 | 5.16 | 5.98 | 7.40 |
| Q | 3.15 | 3.66 | 4.02 | 4.92 |
| R | 4.21 | 4.84 | 5.67 | 6.59 |
| S | 0.31 | 0.39 | 0.43 | 0.63 |
| S1 | 0.31 | 0.51 | 0.43 | 0.63 |
| T | 1.42 | 1.57 | 1.77 | 1.97 |
| V | 1.97 | 2.36 | 2.76 | 3.35 |
| W | 45° | 45° | 45° | 45° |
| D | 1.125 | 1.250 | 1.375 | 1.625 |
| b | 0.250 | 0.250 | 0.3125 | 0.375 |
| t | 1.24 | 1.37 | 1.52 | 1.80 |
| ~lb | 16 | 22 | 32 | 54 |

IEC input flange and metric shaft options

| | HW030 | | HW040 | |
|---------------|------------------------|----------------------|------------------------|----------------------|
| | 056/063/071/080 | | 063/071/080/090 | |
| | NMRVpower 063 | NMRVpower 075 | NMRVpower 090 | NMRVpower 110 |
| G | 176.5 mm | 194 mm | 218 mm | 241 mm |
| D (H8) | 25 (28) mm | 28 (35) mm | 35 mm | 42 mm |
| b | 8 (8) mm | 8 (10) mm | 10 mm | 12 mm |
| t | 28.3 (31.3) mm | 31.3 (38.3) mm | 38.3 mm | 45.3 mm |

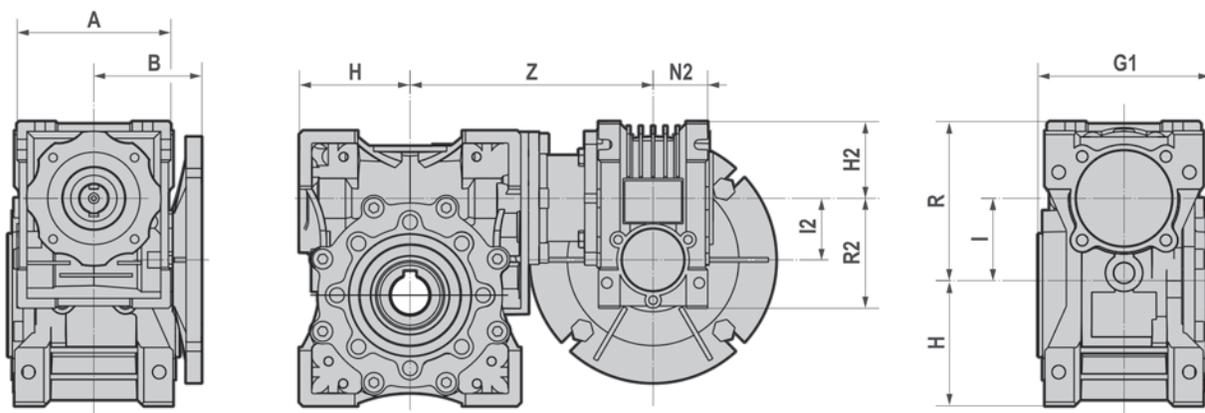
- For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page 106.
- For all other dimensions, please consider the drawing of relevant NMRV size.
- ~lb Weight without motor

NMRVpower/IHW - Dimensions



| IHW040 | B | G2 | I | I2 | D1 | b1 | t1 | f1 | ~lb |
|----------------------|------|------|------|------|----------|------|---------|----|-----|
| NMRVpower 090 | 1.57 | 8.05 | 3.54 | 1.65 | 19 mm j6 | 6 mm | 21.5 mm | M6 | 32 |
| NMRVpower 110 | 1.97 | 8.96 | 4.33 | 1.65 | 24 mm j6 | 8 mm | 27 mm | M8 | 54 |

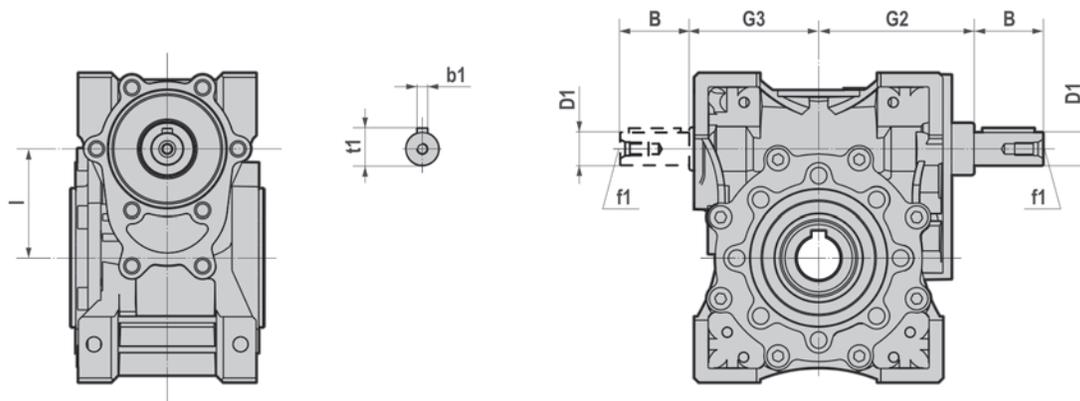
NMRV+NMRV - NMRV+NMRVpower - Dimensions



| | A | B | G1 | H | I | R | H2 | I2 | N2 | R2 | Z | ~lb |
|----------------|------|------|------|------|------|------|------|------|------|------|-------|-----|
| 025-030 | 2.76 | 1.77 | 2.48 | 1.57 | 1.18 | 2.24 | 1.38 | 0.98 | 0.89 | 1.89 | 4.53 | 4 |
| 025-040 | 2.76 | 1.77 | 3.07 | 1.97 | 1.57 | 2.81 | 1.38 | 0.98 | 0.89 | 1.89 | 4.53 | 7 |
| 030-040 | 3.15 | 2.17 | 3.07 | 1.97 | 1.57 | 2.81 | 1.57 | 1.18 | 1.14 | 2.24 | 4.80 | 8 |
| 030-050 | 3.15 | 2.17 | 3.62 | 2.36 | 1.97 | 3.31 | 1.57 | 1.18 | 1.14 | 2.24 | 5.20 | 10 |
| 030-063 | 3.15 | 2.17 | 4.41 | 2.83 | 2.48 | 4.21 | 1.57 | 1.18 | 1.14 | 2.24 | 5.91 | 16 |
| 040-050 | 3.94 | 2.76 | 3.62 | 2.36 | 1.97 | 3.31 | 1.97 | 1.57 | 1.44 | 2.81 | 5.53 | 13 |
| 040-063 | 3.94 | 2.76 | 4.41 | 2.83 | 2.48 | 4.21 | 1.97 | 1.57 | 1.44 | 2.81 | 6.34 | 19 |
| 040-075 | 3.94 | 2.76 | 4.72 | 3.50 | 2.95 | 4.84 | 1.97 | 1.57 | 1.44 | 2.81 | 7.03 | 25 |
| 040-090 | 3.94 | 2.76 | 5.51 | 4.06 | 3.54 | 5.67 | 1.97 | 1.57 | 1.44 | 2.81 | 7.76 | 34 |
| 050-075 | 4.72 | 3.15 | 4.72 | 3.50 | 2.95 | 4.84 | 2.36 | 1.97 | 1.71 | 3.31 | 7.70 | 28 |
| 050-090 | 4.72 | 3.15 | 5.51 | 4.06 | 3.54 | 5.67 | 2.36 | 1.97 | 1.71 | 3.31 | 8.43 | 36 |
| 050-110 | 4.72 | 3.15 | 6.10 | 5.02 | 4.33 | 6.59 | 2.36 | 1.97 | 1.71 | 3.31 | 9.33 | 54 |
| 063-075 | 5.67 | 4.29 | 4.72 | 3.50 | 2.95 | 4.84 | 2.83 | 2.48 | 2.09 | 4.21 | 7.70 | 34 |
| 063-090 | 5.67 | 4.29 | 5.51 | 4.06 | 3.54 | 5.67 | 2.83 | 2.48 | 2.09 | 4.21 | 8.43 | 42 |
| 063-110 | 5.67 | 4.29 | 6.10 | 5.02 | 4.33 | 6.59 | 2.83 | 2.48 | 2.09 | 4.21 | 9.33 | 60 |
| 063-130 | 5.67 | 4.29 | 6.69 | 5.81 | 5.12 | 7.38 | 2.83 | 2.48 | 2.09 | 4.21 | 9.65 | 119 |
| 063-150 | 5.67 | 4.29 | 7.87 | 6.69 | 5.91 | 9.06 | 2.83 | 2.48 | 2.09 | 4.21 | 10.83 | 199 |

- ~lb Weight without motor

NRV - NRVpower - Dimensions



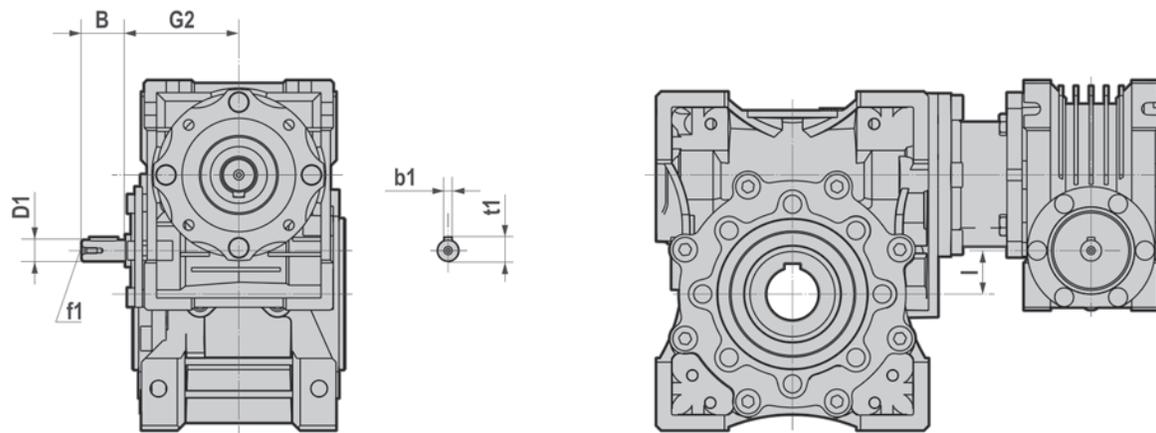
| NRV-P | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|-----------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| B | 1.181 | 1.181 | 1.575 | 1.969 | 2.362 | 2.362 | 2.756 | 3.150 | 3.150 |
| D1 | 0.375 | 0.500 | 0.625 | 0.750 | 0.875 | 0.875 | 1.125 | 1.250 | 1.375 |
| G2 | 2.01 | 2.36 | 2.91 | 3.54 | 4.13 | 4.92 | 5.59 | 6.38 | 7.68 |
| G3 | 1.77 | 2.09 | 2.52 | 2.95 | 3.54 | 4.25 | 5.31 | 6.10 | 6.89 |
| I | 1.18 | 1.57 | 1.97 | 2.48 | 2.95 | 3.54 | 4.33 | 5.12 | 5.91 |
| b1 | 0.094 | 0.125 | 0.188 | 0.188 | 0.188 | 0.188 | 0.250 | 0.250 | 0.315 |
| f1 | - | - | 1/4-20 | 1/4-20 | 1/4-20 | 1/4-20 | 3/8-16 | 1/2-13 | 1/2-13 |
| t1 | 0.42 | 0.55 | 0.70 | 0.83 | 0.96 | 0.96 | 1.24 | 1.36 | 1.51 |

D1 dimension has tolerance of +0 -0.0005

Metric input shaft options

| NRV-P | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|----------------|---------|---------|-------|---------|-------|-------|-------|-------|-------|
| B | 20 mm | 23 mm | 30 mm | 40 mm | 50 mm | 50 mm | 60 mm | 80 mm | 80 mm |
| D1 (j6) | 9 mm | 11 mm | 14 mm | 19 mm | 24 mm | 24 mm | 28 mm | 30 mm | 35 mm |
| b1 | 3 mm | 4 mm | 5 mm | 6 mm | 8 mm | 8 mm | 8 mm | 8 mm | 10 mm |
| f1 | - | - | M6 | M6 | M8 | M8 | M10 | M10 | M12 |
| t1 | 10.2 mm | 12.5 mm | 16 mm | 21.5 mm | 27 mm | 27 mm | 31 mm | 33 mm | 38 mm |

NRV+NMRV - NRV+NMRVpower - Dimensions



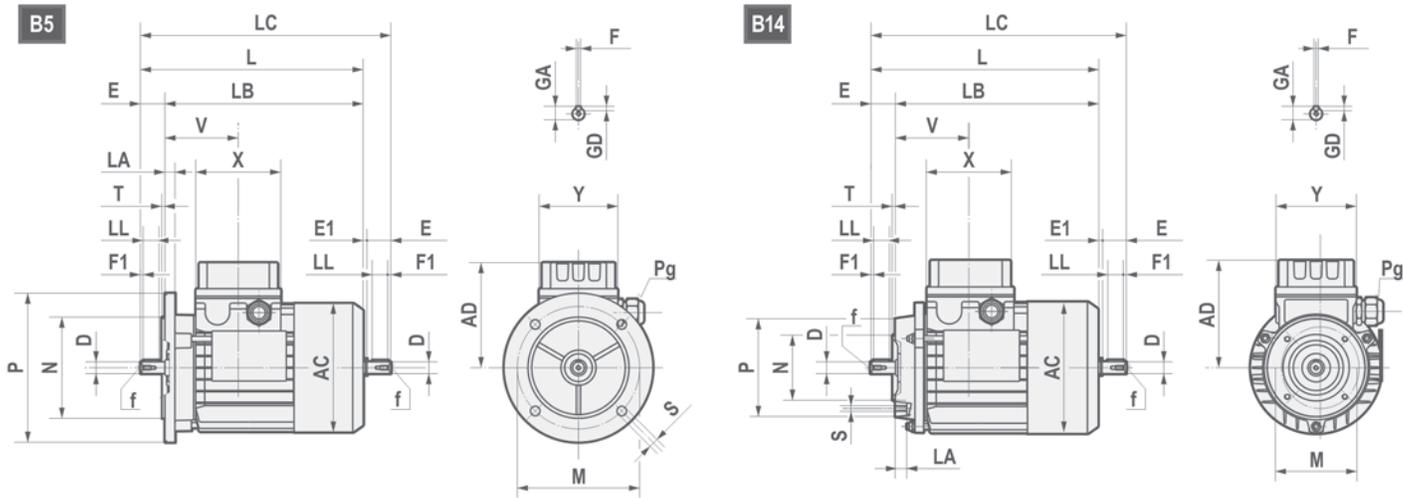
| | 030-040 | 030-050 | 030-063 | 040-050 | 040-063 | 040-075 | 040-090 | 050-090 | 050-110 | 063-110 | 063-130 | 063-150 |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| B | 1.181 | 1.181 | 1.181 | 1.181 | 1.181 | 1.181 | 1.181 | 1.575 | 1.575 | 1.969 | 1.969 | 1.969 |
| D1 | 0.375 | 0.375 | 0.375 | 0.500 | 0.500 | 0.500 | 0.500 | 0.625 | 0.625 | 0.750 | 0.750 | 0.750 |
| G2 | 2.01 | 2.01 | 2.01 | 2.36 | 2.36 | 2.36 | 2.36 | 2.91 | 2.91 | 3.54 | 3.54 | 3.54 |
| l | 0.39 | 0.78 | 1.30 | 0.39 | 0.91 | 1.38 | 1.97 | 1.57 | 2.36 | 1.85 | 2.64 | 3.43 |
| b1 | 0.094 | 0.094 | 0.094 | 0.125 | 0.125 | 0.125 | 0.125 | 0.188 | 0.188 | 0.188 | 0.188 | 0.188 |
| f1 | - | - | - | - | - | - | - | 1/4-20 | 1/4-20 | 1/4-20 | 1/4-20 | 1/4-20 |
| t1 | 0.42 | 0.42 | 0.42 | 0.55 | 0.55 | 0.55 | 0.55 | 0.70 | 0.70 | 0.83 | 0.83 | 0.83 |

- For the missing dimensions, please consider the drawing of relevant NMRV size.

Metric input shaft options

| | 030-040 | 030-050 | 030-063 | 040-050 | 040-063 | 040-075 | 040-090 | 050-090 | 050-110 | 063-110 | 063-130 | 063-150 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| B | 20 mm | 20 mm | 20 mm | 23 mm | 23 mm | 23 mm | 23 mm | 30 mm | 30 mm | 40 mm | 40 mm | 40 mm |
| D1 (j6) | 9 mm | 9 mm | 9 mm | 11 mm | 11 mm | 11 mm | 11 mm | 14 mm | 14 mm | 19 mm | 19 mm | 19 mm |
| b1 | 3 mm | 3 mm | 3 mm | 4 mm | 4 mm | 4 mm | 4 mm | 5 mm | 5 mm | 6 mm | 6 mm | 6 mm |
| f1 | - | - | - | - | - | - | - | M6 | M6 | M6 | M6 | M6 |
| t1 | 10.2 mm | 10.2 mm | 10.2 mm | 12.5 mm | 12.5 mm | 12.5 mm | 12.5 mm | 16 mm | 16 mm | 21.5 mm | 21.5 mm | 21.5 mm |

Electric motors



| | AC | AD | L | LB | LC | X | Y | V | D | E | E1 | f | F1 | GA | F | GD | LL | Pg | | |
|-------------|----------|----------|----------|----------|----------|--------|--------|----------|----------|-------|--------|------------|--------|---------|-------|------|-------|------------|-------|-------|
| | | | | | | | | | | | | | | | | | | ø min | ø max | |
| 63 | 121 mm | 103.5 mm | 211 mm | 188 mm | 235.5 mm | 80 mm | 74 mm | 69 mm | 11 mm j6 | 23 mm | 1.5 mm | M4x10 mm | 2.5 mm | 12.5 mm | 4 mm | 4 mm | 15 mm | M16x1.5 mm | 5 mm | 10 mm |
| 71 | 139 mm | 112 mm | 238.5 mm | 208.5 mm | 271 mm | 80 mm | 74 mm | 74.5 mm | 14 mm j6 | 30 mm | 2.5 mm | M5x12.5 mm | 3 mm | 16 mm | 5 mm | 5 mm | 20 mm | M20x1.5 mm | 6 mm | 12 mm |
| 80 | 158 mm | 121.5 mm | 272.5 mm | 232.5 mm | 314 mm | 80 mm | 74 mm | 78 mm | 19 mm j6 | 40 mm | 1.5 mm | M6x16 mm | 5 mm | 21.5 mm | 6 mm | 6 mm | 30 mm | M20x1.5 mm | 6 mm | 12 mm |
| 90S | 173 mm | 129.5 mm | 298 mm | 248 mm | 349.5 mm | 98 mm | 98 mm | 89.5 mm | 24 mm j6 | 50 mm | 1.5 mm | M8x19 mm | 5 mm | 27 mm | 8 mm | 7 mm | 35 mm | M25x1.5 mm | 13 mm | 18 mm |
| 90L | 173 mm | 129.5 mm | 323 mm | 273 mm | 374.5 mm | 98 mm | 98 mm | 89.5 mm | 24 mm j6 | 50 mm | 1.5 mm | M8x19 mm | 5 mm | 27 mm | 8 mm | 7 mm | 35 mm | M25x1.5 mm | 13 mm | 18 mm |
| 100 | 191 mm | 138.5 mm | 368 mm | 308 mm | 431.5 mm | 98 mm | 98 mm | 97.5 mm | 28 mm j6 | 60 mm | 3.5 mm | M10x22 mm | 7.5 mm | 31 mm | 8 mm | 7 mm | 45 mm | M25x1.5 mm | 13 mm | 18 mm |
| 112 | 210.5 mm | 153.5 mm | 382.5 mm | 322.5 mm | 447 mm | 98 mm | 98 mm | 100 mm | 28 mm j6 | 60 mm | 3.5 mm | M10x22 mm | 7.5 mm | 31 mm | 8 mm | 7 mm | 45 mm | M25x1.5 mm | 13 mm | 18 mm |
| 132S | 248.5 mm | 195 mm | 452 mm | 372 mm | 536.5 mm | 118 mm | 118 mm | 115.5 mm | 38 mm k6 | 80 mm | 4 mm | M12x28 mm | 10 mm | 41 mm | 10 mm | 8 mm | 60 mm | M32x1.5 mm | 18 mm | 25 mm |
| 132L | 248.5 mm | 195 mm | 490 mm | 410 mm | 574.5 mm | 118 mm | 118 mm | 115.5 mm | 38 mm k6 | 80 mm | 4 mm | M12x28 mm | 10 mm | 41 mm | 10 mm | 8 mm | 60 mm | M32x1.5 mm | 18 mm | 25 mm |

| B5 | M | N | P | LA | S | T |
|------------|--------|--------|--------|---------|--------|--------|
| 63 | 115 mm | 95 mm | 140 mm | 10 mm | 9 mm | 3 mm |
| 71 | 130 mm | 110 mm | 160 mm | 10 mm | 9.5 mm | 3.5 mm |
| 80 | 165 mm | 130 mm | 200 mm | 12 mm | 11 mm | 3.5 mm |
| 90 | 165 mm | 130 mm | 200 mm | 12 mm | 11 mm | 3.5 mm |
| 100 | 215 mm | 180 mm | 250 mm | 15 mm | 14 mm | 4 mm |
| 112 | 215 mm | 180 mm | 250 mm | 14.5 mm | 14 mm | 4 mm |
| 132 | 265 mm | 230 mm | 300 mm | 20 mm | 14 mm | 3.5 mm |

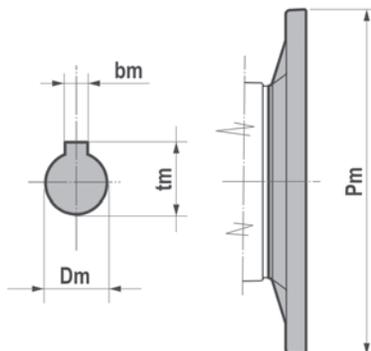
| B14 | M | N | P | LA | S | T |
|------------|--------|--------|--------|---------|-----|--------|
| 63 | 75 mm | 60 mm | 90 mm | 10 mm | M5 | 2.5 mm |
| 71 | 85 mm | 70 mm | 105 mm | 10.5 mm | M6 | 2.5 mm |
| 80 | 100 mm | 80 mm | 120 mm | 10.5 mm | M6 | 3 mm |
| 90 | 115 mm | 95 mm | 140 mm | 11.5 mm | M8 | 3 mm |
| 100 | 130 mm | 110 mm | 160 mm | 15 mm | M8 | 3.5 mm |
| 112 | 130 mm | 110 mm | 160 mm | 11.5 mm | M8 | 3.5 mm |
| 132 | 165 mm | 130 mm | 200 mm | 20.5 mm | M10 | 3.5 mm |

Nominal power (kW/HP)

| | 63A | | 63B | | 63C | | 63D | | 71A | | 71B | | 71C | | 80A | | 80B | | 80C | | 80D | | 90S | |
|-----------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-----|-------|-----|-------|-----|
| 2* | 0.18 | 0.25 | 0.25 | 0.33 | 0.37 | 0.5 | - | - | 0.37 | 0.5 | 0.55 | 0.75 | 0.75 | 1.00 | 0.75 | 1 | 1.10 | 1.50 | 1.50 | 2 | - | - | 1.5 | 2 |
| 4* | 0.12 | 0.16 | 0.18 | 0.25 | 0.22 | 0.3 | 0.25 | 0.33 | 0.25 | 0.33 | 0.37 | 0.5 | 0.55 | 0.75 | 0.55 | 0.75 | 0.75 | 1 | 0.92 | 1.2 | 1.10 | 1.5 | 1.1 | 1.5 |
| 6* | 0.09 | 0.12 | 0.12 | 0.16 | 0.15 | 0.2 | - | - | 0.18 | 0.25 | 0.25 | 0.33 | 0.37 | 0.5 | 0.37 | 0.5 | 0.55 | 0.75 | 0.75 | 1 | - | - | 0.75 | 1 |
| 8* | - | - | - | - | 0.07 | 0.09 | - | - | 0.09 | 0.12 | 0.12 | 0.16 | 0.18 | 0.25 | 0.18 | 0.25 | 0.25 | 0.33 | 0.37 | 0.5 | - | - | 0.37 | 0.5 |
| | 90L | | 90LB | | 100LA | | 100LB | | 112MA | | 112MB | | 132SA | | 132SB | | 132MA | | 132MB | | 132MC | | 160SA | |
| 2* | 2.2 | 3 | - | - | 3 | 4 | 4 | 5.5 | 4 | 5.5 | 5.5 | 7.5 | 5.5 | 7.5 | 7.5 | 10 | 9.2 | 12 | 11 | 15 | - | - | 11 | 15 |
| 4* | 1.5 | 2 | 1.85 | 2.5 | 2.2 | 3 | 3 | 4 | 4 | 5.5 | 4.8 | 6.4 | 5.5 | 7.5 | - | - | 7.5 | 10 | 9.2 | 12 | 11 | 15 | 11 | 15 |
| 6* | 1.1 | 1.5 | - | - | 1.5 | 2 | 1.85 | 2.5 | 2.2 | 3 | 3 | 4 | 3 | 4 | - | - | 4 | 5.5 | - | - | - | - | - | - |
| 8* | 0.55 | 0.75 | - | - | 0.75 | 1 | 1.1 | 1.5 | 1.5 | 2 | - | - | 2.2 | 3 | - | - | 3 | 4 | - | - | - | - | - | - |

(*) Poles

Input flange - Dimensions



| B5 | IEC | | | | | | | | |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 056 | 063 | 071 | 080 | 090 | 100 | 112 | 132 | 160 |
| Pm | 120 mm | 140 mm | 160 mm | 200 mm | 200 mm | 250 mm | 250 mm | 300 mm | 350 mm |
| Dm | 9 mm | 11 mm | 14 mm | 19 mm | 24 mm | 28 mm | 28 mm | 38 mm | 42 mm |
| bm | 3 mm | 4 mm | 5 mm | 6 mm | 8 mm | 8 mm | 8 mm | 10 mm | 12 mm |
| tm | 10.4 mm | 12.8 mm | 16.3 mm | 21.8 mm | 27.3 mm | 31.3 mm | 31.3 mm | 41.3 mm | 45.3 mm |

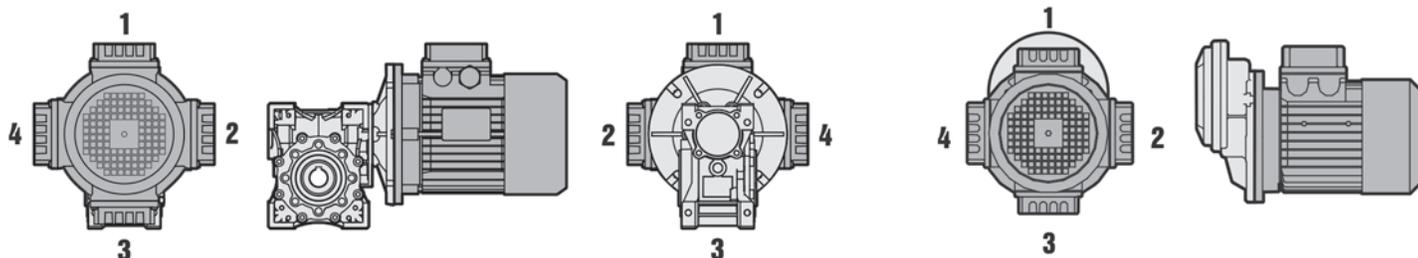
| B14 | IEC | | | | | | |
|-----------|---------|---------|---------|---------|---------|---------|---------|
| | 056 | 063 | 071 | 080 | 090 | 100 | 112 |
| Pm | 80 mm | 90 mm | 105 mm | 120 mm | 140 mm | 160 mm | 160 mm |
| Dm | 9 mm | 11 mm | 14 mm | 19 mm | 24 mm | 28 mm | 28 mm |
| bm | 3 mm | 4 mm | 5 mm | 6 mm | 8 mm | 8 mm | 8 mm |
| tm | 10.4 mm | 12.8 mm | 16.3 mm | 21.8 mm | 27.3 mm | 31.3 mm | 31.3 mm |

| B14 | NEMA | | | |
|-----------|--------|--------|--------|--------|
| | 48C | 56C | 140TC | 180TC |
| Pm | 5.625 | 6.500 | 6.500 | 9.000 |
| Dm | 0.500 | 0.625 | 0.875 | 1.125 |
| bm | 0.1250 | 0.1875 | 0.1875 | 0.2500 |
| tm | 0.56 | 0.71 | 0.97 | 1.24 |

Position of terminal box

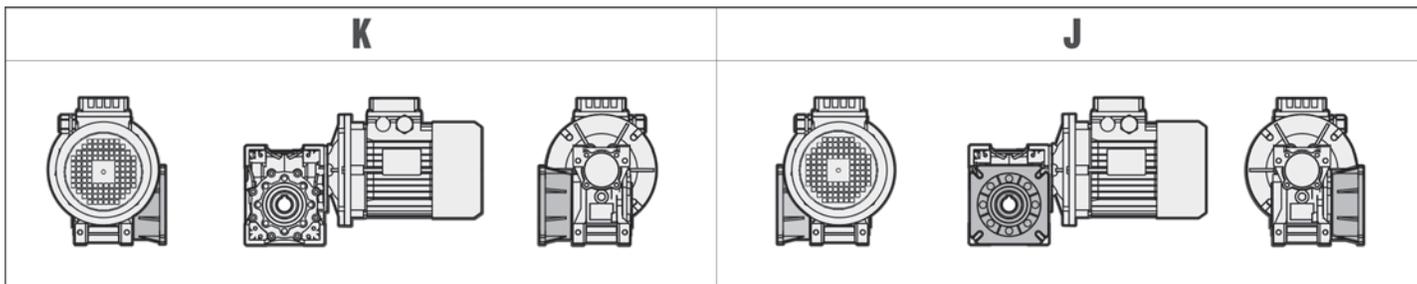
NMRV - NMRVpower

PC



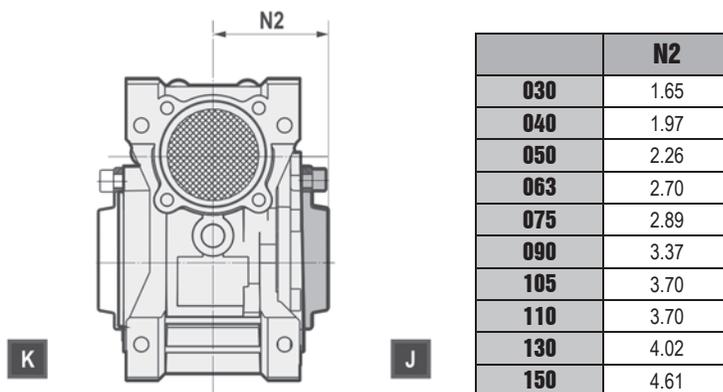
- In the case of specific requirements, when ordering, specify the position of the terminal box as shown in the diagram.
- Terminal box position always refers to PC position.

Output flange

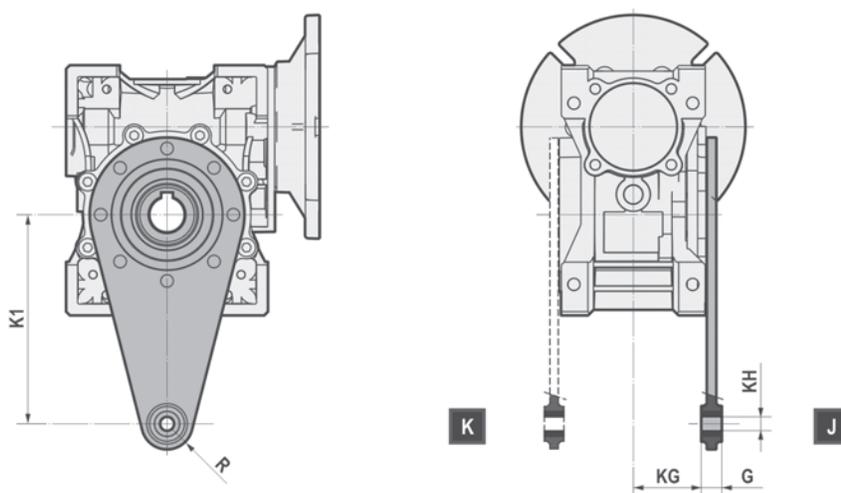


- Unless specified otherwise, the gear reducer is supplied with the flange in pos. J referred to position B3.

Cover

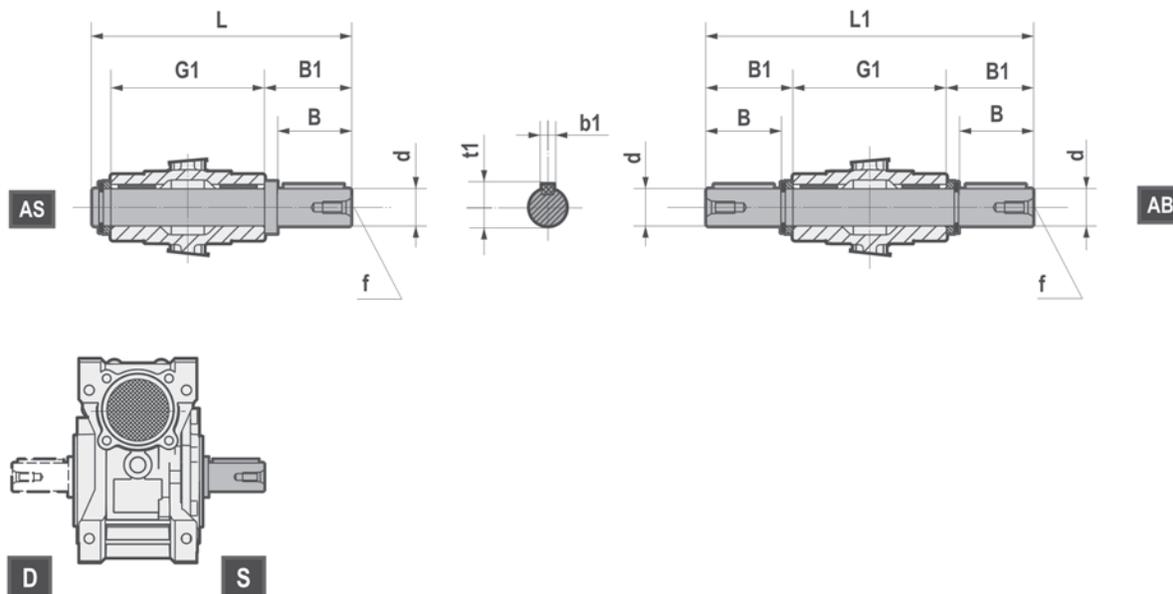


Torque arm



| | 025 | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| K1 | 2.76 | 3.35 | 3.94 | 3.94 | 5.91 | 7.87 | 7.87 | 9.84 | 9.84 | 9.84 |
| G | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.98 | 0.98 | 1.18 | 1.18 | 1.18 |
| KG | 0.69 | 0.94 | 1.24 | 1.52 | 1.93 | 1.87 | 2.26 | 2.44 | 2.72 | 3.31 |
| KH | 0.31 | 0.31 | 0.39 | 0.39 | 0.39 | 0.79 | 0.79 | 0.98 | 0.98 | 0.98 |
| R | 0.59 | 0.59 | 0.71 | 0.71 | 0.71 | 1.18 | 1.18 | 1.38 | 1.38 | 1.38 |

Low speed shafts

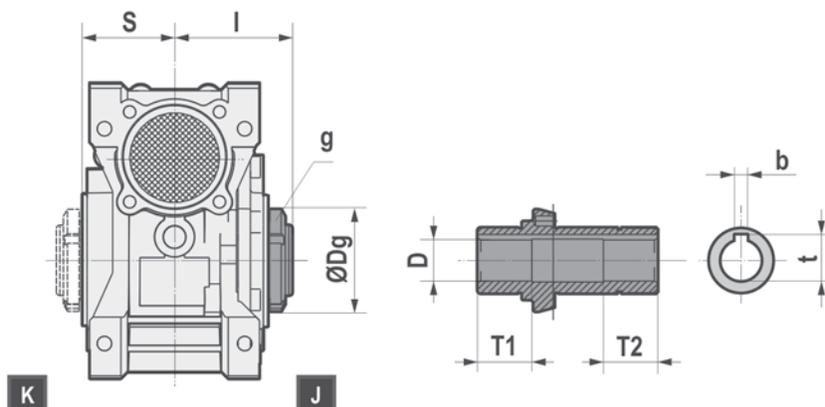


| | d | | B | B1 | G1 | L | L1 | f | b1 | t1 |
|------------|-------|--------------|------|------|------|-------|-------|--------|--------|------|
| 030 | 0.625 | +0 -0.001 | 1.57 | 1.67 | 2.48 | 4.41 | 5.82 | 1/4-20 | 0.188 | 0.70 |
| 040 | 0.750 | +0 -0.001 | 1.97 | 2.09 | 3.07 | 5.43 | 7.25 | 1/4-20 | 0.188 | 0.83 |
| 050 | 1 | +0 -0.001 | 1.97 | 2.11 | 3.62 | 6.02 | 7.84 | 3/8-16 | 0.250 | 1.11 |
| 063 | 1.125 | +0 -0.001 | 2.36 | 2.50 | 4.41 | 7.20 | 9.41 | 3/8-16 | 0.250 | 1.23 |
| 075 | 1.250 | +0 -0.001 | 2.76 | 2.89 | 4.72 | 7.56 | 10.51 | 1/2-13 | 0.250 | 1.36 |
| 090 | 1.375 | +0 -0.001 | 3.15 | 3.33 | 5.51 | 9.21 | 12.13 | 1/2-13 | 0.3125 | 1.51 |
| 110 | 1.625 | +0 -0.001 | 3.54 | 3.72 | 6.10 | 9.80 | 13.54 | 5/8-11 | 0.375 | 1.79 |
| 130 | 1.750 | +0 -0.001 | 3.54 | 3.72 | 6.69 | 10.43 | 14.17 | 5/8-11 | 0.375 | 1.92 |
| 150 | 2.000 | +0 -0.001 | 3.94 | 4.13 | 7.87 | 11.69 | 16.14 | 3/4-10 | 0.500 | 2.22 |

Metric input shaft options

| | d | | B | B1 | G1 | L | L1 | f | b1 | t1 |
|------------|-------|----|-------|---------|--------|--------|--------|-----|-------|---------|
| 030 | 14 mm | h6 | 30 mm | 32.5 mm | 63 mm | 102 mm | 128 mm | M6 | 5 mm | 16 mm |
| 040 | 18 mm | h6 | 40 mm | 43 mm | 78 mm | 128 mm | 164 mm | M6 | 6 mm | 20.5 mm |
| 050 | 25 mm | h6 | 50 mm | 53.5 mm | 92 mm | 153 mm | 199 mm | M10 | 8 mm | 28 mm |
| 063 | 25 mm | h6 | 50 mm | 53.5 mm | 112 mm | 173 mm | 219 mm | M10 | 8 mm | 28 mm |
| 075 | 28 mm | h6 | 60 mm | 63.5 mm | 120 mm | 192 mm | 247 mm | M10 | 8 mm | 31 mm |
| 090 | 35 mm | h6 | 80 mm | 84.5 mm | 140 mm | 234 mm | 309 mm | M12 | 10 mm | 38 mm |
| 110 | 42 mm | h6 | 80 mm | 84.5 mm | 155 mm | 249 mm | 324 mm | M16 | 12 mm | 45 mm |
| 130 | 45 mm | h6 | 80 mm | 85 mm | 170 mm | 265 mm | 340 mm | M16 | 14 mm | 48.5 mm |
| 150 | 50 mm | h6 | 82 mm | 87 mm | 200 mm | 297 mm | 374 mm | M16 | 14 mm | 53.5 mm |

NMRL - NMRV-P - Dimensions



| | 050 | 063 | 075 | 090 |
|-----------|---------|---------|---------|---------|
| I | 2.50 | 2.91 | 3.09 | 3.52 |
| S | 1.81 | 2.20 | 2.36 | 2.76 |
| Dg | 2.20 | 2.44 | 2.68 | 3.15 |
| g | M40x1.5 | M45x1.5 | M50x1.5 | M60x2 |
| b | 8 mm | 8 mm | 8 mm | 10 mm |
| t | 28.3 mm | 28.3 mm | 31.3 mm | 38.3 mm |
| D | Ø25 mm | Ø25 mm | Ø28 mm | Ø35 mm |
| T1 | 1.30 | 1.46 | 1.57 | 1.77 |
| T2 | 1.30 | 1.46 | 1.57 | 1.77 |

Torque limiter

The torque limiter, in oil bath, is designed for sizes 050 - 063 - 075 - 090. This device assures the protection of the transmission from accidental high overloads which could damage the gearbox and the power transmission components.

If necessary, it prevents reversing conditions of the worm gear unit by opportunely loosening the lock nut.

NOTE: On size 050 the torque limiter is supplied only in J position.

Features

- external dimensions are almost the same as the version without torque limiter.
- no difference of the mountings.
- no difference of the hollow output shaft diameter with respect to the standard gearbox.
- the slipping torque can be easily adjusted by means of an external ring nut.
- no maintenance required on slipping components.
- functional features are the same as standard version.

Torque adjustment

The adjustment is carried out during assembly at about 80% of the nominal torque reported in the catalogue.

This torque is transmitted by friction and so many factors could influence the adjustment value, like: temperature, running-in, vibrations, etc., therefore it is advised to adjust the torque limit by means of the lock nut when installing the gearbox on the machine, in accordance to application requirements.

- For the missing dimensions, please consider the drawing of relevant NMRV size.

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Delivery is understood to be made to all intents and purposes with the verbal or written communication that the goods are at the buyer's disposal for collection, or at the time of delivery to the carrier. After delivery has been made, all risks concerning the material sold are taken on by the buyer. Shipment is always made at the buyer's risk and cost with the means we consider the most appropriate, if no particular instructions have been provided. Loss, delay and damage to material as a consequence of shipment cannot be attributed to Motovario Group. In the case of shipment by our vehicles, this is understood to be made with carriage forward at best and under the buyer's full responsibility. In the event of delay in collecting the goods, anyhow ready, for any reason beyond our control, after eight days of the communication of the goods being ready, Motovario Group may have the packing, shipment or storage of the goods made at the Buyer's expense and issue an invoice for the sale of the material.

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Payments must be made at the domicile of Motovario Group and according to the agreed Terms. In the event of a late payment, Motovario Group will have every right to charge "arrears" at the rate of 4% over the "prime rate". Any late or non-payment authorizes Motovario Group to suspend delivery of any other material immediately, as well as cancel any orders without the Buyer being owed any rights for whatever reason. No complaint or claim gives the Buyer any right to suspend payments. Any payments made in advance never bear interest.

PACKING :

If there are no particular instructions, we prepare the packing, where necessary, in the best way and anyhow always at the Buyer's expense, with no responsibility on our part.

COMPLAINTS :

Any complaints or claims made by the buyer on the finished product must be notified to the seller in writing within 8 days of the date of receiving the goods.

WARRANTY :

Motovario Group guarantees the products sold for two years from the date of delivery, considering use of two daily work-shifts. (16 hours/day).

Warranty is limited to repair or replacement, free at our plant, of defective parts due to an ascertained defect of material or manufacture. The parts replaced remain our property. All other compensation is excluded, nor can any direct and/or indirect damage be claimed of any nature, also for the temporary lack of use of the goods purchased.

Warranty is excluded for materials and parts subject to natural wear or deterioration (for example, oil seals or lubricants leakages caused by normal wear). Warranty is forfeit for products not used in conformity with our instructions or that are anyhow modified, repaired or even partially dismantled, or stored, installed, maintained or lubricated not in a proper way. The warranty is also excluded for damages, defects or malfunctions caused by external components (such as, for example, couplings, sprockets, pulleys, motors not produced by Motovario, etc..) or by incorrect installation of them.

Verifying the compatibility of applications and correct mechanical couplings and electrical connections with the specifications of Motovario products, as indicated in the manufacturer's catalogues, is solely to the concern and responsibility of the buyer.

LIABILITY FOR DAMAGE :

The liability of Motovario Group is strictly limited to the above-stated obligations and it is therefore clearly agreed that we take on no responsibility for any damage deriving from accidents of any nature that may occur during use of the products sold, whether they be considered defective or otherwise, also in cases of the choice of application being recommended by personnel of the Motovario Group Sales Organization. When applying geared motors or motorvariators the user is in any case obliged, under his own exclusive responsibility, to proceed with the utmost prudence and make provision for safety devices in conformity with the applicable directives, standards and technical regulations, and anyhow adequately to limit damage to persons and/or property deriving from their possible defectiveness.

PLACE OF FULFILMENT AND JURISDICTION :

The place of fulfilment for both parties is the Supplier's offices. The jurisdiction for any dispute deriving directly or indirectly from the contract - also in the case of lawsuits for bills or failure to pay cheques - is therefore for the Judiciary Authority of MODENA where the Seller has its offices. Relations between the parties are governed solely by Italian law and the UN right of sale (Vienna Convention) is not applied.

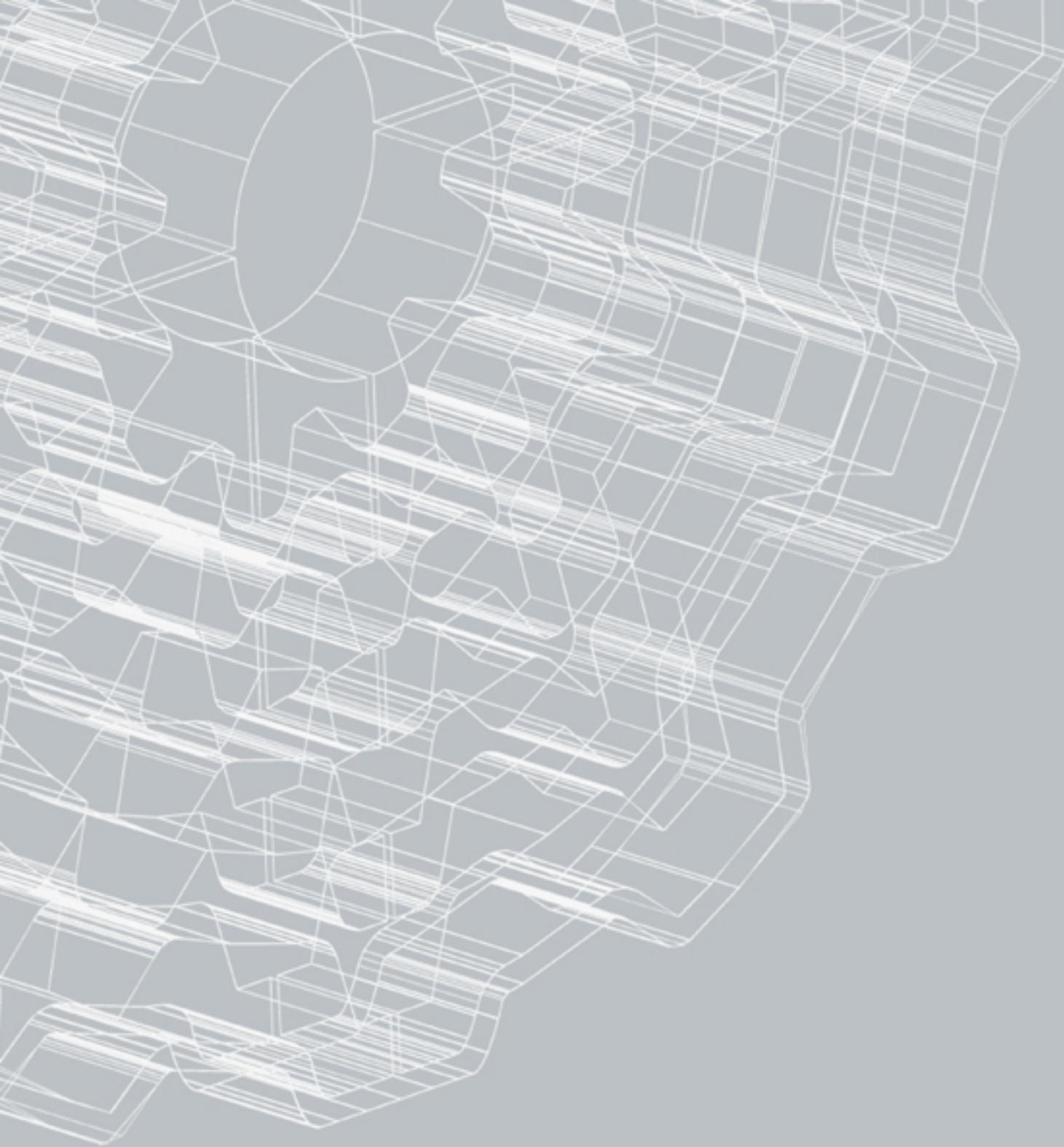
TRANSFER OF TITLE :

In accordance with Art. 1523-1524 of the Italian Civil Code, transfer of title of the goods subject of sale will only take place after payment in full of the agreed price. The buyer is therefore obliged to conserve the subject of the supply conscientiously until his debt is extinguished. Clauses to be specifically approved: 1) quotes; 2) orders; 3) prices; 4) lead times; 5) deliveries; 6) payments; 7) packing; 8) complaints; 9) warranty; 10) liability for damage; 11) place of fulfilment and jurisdiction; 12) transfer of title.

ATTENTION:

The revised data and information, shown in this technical catalogue, replaces the data of the previous editions. Old data is now obsolete. All technical data, dimensions, weights in this catalogue are subject to changes without warning. Illustrations are not binding. You can find the above mentioned data and information on our site www.motovario-group.com; Please periodically consult the technical documentation on the web site to be always updated about possible modifications of performances and characteristics of the product.

Customer signature



15/04/11

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