NMRV and NMRVpower worm gear reducers currently re-present the most advanced solution to market requirements in terms of **efficiency** and **flexibility**. The new NMRVpower series, also available as compact integral helical/worm option, has been designed to guarantee a **high modularity**. Low number of basic models can be applied to a **wide range of power ratings** guaranteeing high performance.

**NMRV**

Sizes:
025-030-040-050-130-150

**NMRV-P**

Fitted for motor coupling

Sizes:
063-075-090-110

- Cases up to 110 in die-cast aluminium alloy and over 130 in G200 grey cast iron
- Aluminium units are supplied complete with synthetic oil and allow for universal mounting positions, with no need to modify lubricant quantity
- Worm wheel: bronze Cu Sn12 Ni2 (UNI7013-10)
- Ground worm profile ZI (UNI4760)
- Excellent mechanical strength and particularly lightweight
- Loading capacity in accordance with: ISO.14521, DIN.3996, BS 721, AGMA 6034, ISO 6336, DIN 3990, DIN 743, ISO 281
- Size 030 and over are painted with RAL 5010 blue epoxy-polyester powder
- Available with pre-stage unit: PC for NMRV Series, HW for NMRV-P Series
- Worm gear reducers are available with different combinations: NMRV/NMRV, NMRV/NMRV-P, NMRV-P/NMRV-P and NMRV-P/NMRV
- ATEX versions available: 3GD/2GD

**NMRV-P**

Fitted for motor coupling

**Other Versions**

NRM With Input Shaft

NRM-P With Input Shaft

NMRV/NMRV-P Combined Worm Geared Motor
Range

Worm Geared Motor

- Power up to 15 kW
- Ratios between 5 and 100
- Max Torque 1.550 Nm
- Admissible radial loads max 18.000 N

| NMRV 030 | 13 | 19 |
| NMRV 040 | 29 | 48 |
| NMRV 050 | 55 | 88 |
| NMRV-P 063 | 118 | 160 |
| NMRV-P 075 | 180 | 247 |
| NMRV-P 090 | 270 | 432 |
| NMRV-P 110 | 483 | 725 |
| NMRV 130 | 740 | 1.050 |
| NMRV 150 | 1.000 | 1.550 |

Combined Worm Geared Motor

- Power up to 1.85 kW
- Ratios between 100 and 5.000
- Max Torque 2.670 Nm

| NMRV 030/040 | 43 | 73 |
| NMRV 030/050 | 79 | 145 |
| NMRV 030 / NMRV-P 063 | 150 | 271 |
| NMRV 040/050 | 120 | 145 |
| NMRV 040 / NMRV-P 063 | 231 | 271 |
| NMRV 040 / NMRV-P 075 | 352 | 444 |
| NMRV 040 / NMRV-P 090 | 361 | 700 |
| NMRV 050 / NMRV-P 090 | 560 | 700 |
| NMRV 050 / NMRV-P 110 | 648 | 1.265 |
| NMRV-P 063/110 | 1.100 | 1.265 |
| NMRV-P 063 / NMRV 130 | 1.123 | 1.760 |
| NMRV-P 063 / NMRV 150 | 1.971 | 2.670 |
**Accessories**

**Protection Cover**

**Output Flanges**

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• Available
/ Not Available

**Solid Output Shaft**

**Torque Arm**

**Torque Limiter**

Available versions NMRL 050 and NMRL-P 063-075-090

**Other Accessories**

- Viton oil seals
- Low/high temperature and food grade oil
- Filling/Drain/Breather/Level plug
- Reinforced Output
NMRV Worm geared motor with HA31 pre-stage

- HA31 is the new single stage helical gear reducer available as pre-stage for the worm gear boxes NMRV040 and NMRV050; it can be supplied as a separate unit to be mounted on any type of fitted geared motor
- Die-cast aluminium alloy casing; gears hardened and tempered with shaved profile steel 20MnCr5 (UNI7846)
- Available as unpainted or painted with RAL 5010 blue epoxy-polyester powder
- Power up to 1,1 kW and motor sizes up to 080
- Combined total ratios between 22,08 and 315
- Max Torque of group HA31+worm gear reducer 206 Nm

NMRV-P Worm geared motor with HW pre-stage

- The pre-stage units called HW are two: HW030 which can be mounted on gearboxes NMRVpower063-075 and HW040 which can be fitted with gearboxes NMRVpower 090-110
- The pre-stage construction is modular and therefore it can be supplied for various motor (PAM) with B5 and B14 flange
- Casing in aluminium alloy. Steel gears 20MnCr5(UNI7846), hardened, tempered and carefully scraped
- Power up to 1,85 kW and motor sizes up to 090
- Combined total ratios between 22,08 and 1.083,33
- Max Torque of group HW+worm gear reducer 1.189 Nm
Subsidiaries

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United Kingdom
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China
India

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