TECHNICAL DATA SHEET

Motovario

NMRV-P090

GEARBOX



Construction and materials	
Gearing	**Worm and worm wheel**
Housing	**Die-cast aluminium alloy**
Painting	**Epoxy-polyester powder, blue RAL 5010**
Output shaft	**Hollow, Ø35 H8, with keyway**
Lubrication	**Synthetic oil for life, maintenance-free**
Oil	**Synthetic ISO VG320 (LAND OIL GEAR SINT 320)**
Ambient temperature, standard oil	**-15 … +50 °C**
Weight	**13 kg**

Performance	
Motor input speed n_1	**1,400 rpm**
Gearbox output speed n_2 [rpm]	**187**
Nominal output torque Mn_2 [Nm]	**319**
Nominal input power Pn_1 [kW]	**6.93**
Permissible output radial load Fr_2 [N]	**3,081**
Dynamic efficiency ηd, at n_1 = 1,400 rpm	**0.9**
Static efficiency ηs	**0.73**

Motor mounting	
PAM flange	**IEC 100/112 B5, included in the gearbox**
Connection to the motor shaft	**Directly into the worm bore, Ø28**

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