Gear unit
EMGA-80-A-G20-100A

Part number: 8141749



Data sheet

Feature	Value
Gear unit flange size	80 mm
Motor flange size	100 mm
Torsional backlash	0.25 deg
Type of gear unit	Right-angle gear unit
Gear unit ratio	20:1
Max. drive speed	7000 rpm
Operating temperature of gear unit	-25 °C...90 °C
LABS (PWIS) conformity	VDMA24364-B2-L
Degree of protection	IP54
Continuous output torque	120 Nm
Mass moment of inertia of gear unit	1.013 kgcm²
Max. output torque	240 Nm
Max. efficiency	93 %
Torsional rigidity	5.1 Nm/arcmin
Product weight	5100 g
Permissible axial shaft load	1000 N
Permissible radial shaft load	750 N
Gear unit interface, output shaft	80G
Gear unit interface, drive shaft	100A
Note on materials	RoHS-compliant