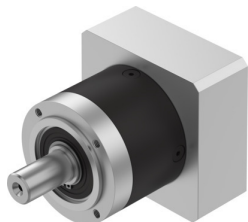


Gear unit

EMGA-80-P-G8-SAS-100

Part number: 8141750

FESTO



 General operating condition

Data sheet

Feature	Value
Gear unit flange size	80 mm
Motor flange size	100 mm
Torsional backlash	0.12 deg
Type of gear unit	Planetary gear
Gear unit ratio	8:1
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	50 Nm
Mass moment of inertia of gear unit	0.37 kgcm ²
Max. output torque	80 Nm
Max. efficiency	97 %
Torsional rigidity	8.4 Nm/arcmin
Product weight	2300 g
Gear unit interface, output shaft	80G
Gear unit interface, drive shaft	100A
Note on materials	RoHS-compliant