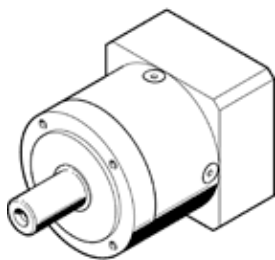


# gear unit EMGA-80-P-G8-SST-87

Part number: 8141766

FESTO



## Data sheet

Feature	Value
Gear unit flange size	80 mm
Motor flange size	87 mm
Torsional backlash	0.12 deg
Type of gear unit	Planetary gear unit
Gear unit ratio	8:1
Max. input speed	7,000 1/min
Operating temperature of gear unit	-25 ... 90 °C
PWIS conformity	VDMA24364-B2-L
Protection class	IP54
Continuous output torque	50 Nm
Mass moment of inertia of gear unit	0.37 kgcm <sup>2</sup>
Max. output torque	80 Nm
Max. efficiency	97 %
Torsional resistance	8.4 Nm/arcmin
Product weight	2,100 g
Gear unit interface, output shaft	80G
Gear unit interface, drive shaft	87A
Materials note	Conforms to RoHS