

# Gearbox EMGA-80-A-G5-80P

Part number: 8085347

FESTO



## Data sheet

Feature	Value
Gearbox flange size	80 mm
Motor flange size	80 mm
Torsional backlash	0.22 deg
Type code	EMGA
Gearbox type	Angular gear
Gear ratio	5:1
Max. actuator speed	7000 1/min
Gearbox operating temperature	-25 °C ... 90 °C
LABS conformity	VDMA24364-B2-L
Degree of protection	IP54
Continuous output torque	67 Nm
Mass moment of inertia, gearbox	1.017 kgcm <sup>2</sup>
Max. output torque	107 Nm
Max. efficiency	95 %
Torsional rigidity	4.8 Nm/arcmin
Product weight	4300 g
Gearbox interface, output shaft	80G
Gearbox interface, actuator	80P
Note on materials	RoHS-compliant