

# gear unit EMGA-80-A-G3-100A

Part number: 8085348

FESTO



## Data sheet

Feature	Value
Gear unit flange size	80 mm
Motor flange size	100 mm
Torsional backlash	0.22 deg
Type of gear unit	Right-angle gear unit
Gear unit ratio	3:1
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	40 Nm
Mass moment of inertia of gear unit	1.409 kgcm <sup>2</sup>
Max. output torque	64 Nm
Max. efficiency	95 %
Torsional resistance	5 Nm/arcmin
Product weight	4,500 g
Gear unit interface, output shaft	80G
Gear unit interface, drive shaft	100A
Materials note	Conforms to RoHS