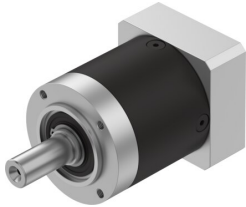


Gear unit EMGA-60-P-G12-SST-57

Part number: 8141765

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|-------------------------------------|-------------------------|
| Gear unit flange size | 60 mm |
| Motor flange size | 57 mm |
| Torsional backlash | 0.17 deg |
| Type of gear unit | Planetary gear set |
| Gear unit ratio | 12:1 |
| Max. drive speed | 13000 rpm |
| Operating temperature of gear unit | -25 °C ... 90 °C |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Degree of protection | IP54 |
| Continuous output torque | 44 Nm |
| Mass moment of inertia of gear unit | 0.118 kgcm ² |
| Max. output torque | 70 Nm |
| Max. efficiency | 96 % |
| Torsional rigidity | 2.8 Nm/arcmin |
| Product weight | 1100 g |
| Permissible axial shaft load | 500 N |
| Permissible radial shaft load | 400 N |
| Gear unit interface, output shaft | 60G |
| Gear unit interface, drive shaft | 57A |
| Note on materials | RoHS compliant |