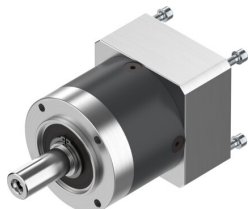


# Gearbox EMGA-60-P-G3-EAS-60

Part number: 2297686

FESTO



 [General operating condition](#)

## Data sheet

| Feature                             | Value                   |
|-------------------------------------|-------------------------|
| Gear unit flange size               | 60 mm                   |
| Motor flange size                   | 60 mm                   |
| Torsional backlash                  | 0.17 deg                |
| Type of gear unit                   | Planetary gear          |
| Gear unit ratio                     | 3:1                     |
| 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            | 28 Nm                   |
| Mass moment of inertia of gear unit | 0.135 kgcm <sup>2</sup> |
| Max. output torque                  | 45 Nm                   |
| Max. efficiency                     | 98 %                    |
| Torsional rigidity                  | 2.3 Nm/arcmin           |
| Product weight                      | 900 g                   |
| Permissible axial shaft load        | 500 N                   |
| Permissible radial shaft load       | 400 N                   |
| Gear unit interface, output shaft   | 60H                     |
| Gear unit interface, drive shaft    | 60P                     |
| Note on materials                   | RoHS-compliant          |