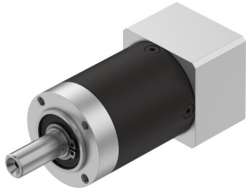


# Gear unit EMGA-40-P-G20-EAS-40

Part number: 8141731

FESTO



 [General operating condition](#)

## Data sheet

| Feature                         | Value                   |
|---------------------------------|-------------------------|
| Gearbox flange size             | 40 mm                   |
| Motor flange size               | 40 mm                   |
| Torsional backlash              | 0.31 deg                |
| Gearbox type                    | Planetary gear          |
| Gear ratio                      | 20:1                    |
| Max. actuator speed             | 18000 rpm               |
| Gearbox operating temperature   | -25 °C ... 90 °C        |
| LABS (PWIS) conformity          | VDMA24364-B2-L          |
| Degree of protection            | IP54                    |
| Continuous output torque        | 20 Nm                   |
| Mass moment of inertia, gearbox | 0.018 kgcm <sup>2</sup> |
| Max. output torque              | 32 Nm                   |
| Max. efficiency                 | 96 %                    |
| Torsional rigidity              | 1 Nm/arcmin             |
| Product weight                  | 450 g                   |
| Permissible axial shaft load    | 200 N                   |
| Permissible radial shaft load   | 200 N                   |
| Gearbox interface, output shaft | 40G                     |
| Gearbox interface, actuator     | 40P                     |
| Note on materials               | RoHS-compliant          |