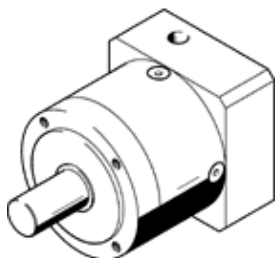


# Gearbox EMGA-80-P-G3-SAS-70

Part number: 552192

FESTO

Suitable for servo motors.



## Data sheet

| Feature                             | Value                  |
|-------------------------------------|------------------------|
| Gear unit flange size               | 80 mm                  |
| Motor flange size                   | 70 mm                  |
| Torsional backlash                  | 0.12 deg               |
| Type of gear unit                   | Planetary gear unit    |
| Gear unit ratio                     | 3:1                    |
| Max. input speed                    | 7,000 1/min            |
| Temperature range of gear unit      | -25 ... 90 °C          |
| Protection class                    | IP54                   |
| Continuous output torque            | 85 Nm                  |
| Mass moment of inertia of gear unit | 0.77 kgcm <sup>2</sup> |
| Max. output torque                  | 136 Nm                 |
| Max. efficiency                     | 98 %                   |
| Torsional resistance                | 6 Nm/arcmin            |
| Product weight                      | 2,100 g                |
| Gear unit interface, output shaft   | 80G                    |
| Gear unit interface, drive shaft    | 70A                    |
| Materials note                      | Conforms to RoHS       |