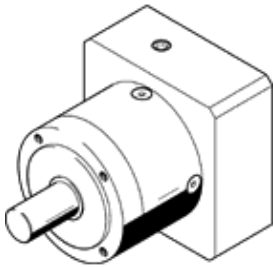


# gear unit EMGA-80-P-G5-SAS-100

Part number: 552195  
☆ Core product range

FESTO

Suitable for servo motors.



## Data sheet

| Feature                             | Value                  |
|-------------------------------------|------------------------|
| Gear unit flange size               | 80 mm                  |
| Motor flange size                   | 100 mm                 |
| Torsional backlash                  | 0.12 deg               |
| Type of gear unit                   | Planetary gear unit    |
| Gear unit ratio                     | 5:1                    |
| Max. input speed                    | 7,000 1/min            |
| Operating temperature of gear unit  | -25 ... 90 °C          |
| Protection class                    | IP54                   |
| Continuous output torque            | 110 Nm                 |
| Mass moment of inertia of gear unit | 0.45 kgcm <sup>2</sup> |
| Max. output torque                  | 176 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    | 100A                   |
| Materials note                      | Conforms to RoHS       |