

## Gearcon - your gear provider - planet gearbox PG22



**GearCon**

Gearcon GmbH  
Montfortweg 9  
72070 Tübingen  
phone: +49 (0) 7071 / 942634  
mail: sb@gearcon.de

| Parameter                                      | 1-stage         | 2-stage         | 3-stage         |
|--|-----------------|-----------------|-----------------|
| Perm. output torque                            | 0.4 Nm          | 0.6 Nm          | 0.8 Nm          |
| Gearbox efficiency, approx.                    | 0.73            | 0.68            | 0.63            |
| Max. backlash in ° DEG                         | 1.90°           | 1.95°           | 2.00°           |
| Recommended initial speed                      | 5.000 rpm       | 5.000 rpm       | 5.000 rpm       |
| Operating temperature                          | -30°C to +60 °C | -30°C to +60 °C | -30°C to +60 °C |
| <b>Output side with sintered metal bearing</b> |                 |                 |                 |
| Max. load, radial (10mm from flange)           | 16 N            | 16 N            | 16 N            |
| Max. load, axial                               | 8 N             | 8 N             | 8 N             |
| Max. perm.fitting pressure                     | 16 N            | 16 N            | 16 N            |
| Material Housing:                              | Plastic         |                 |                 |
| Material Gearwheel:                            | Plastic         |                 |                 |
| Material Pinion Shaft:                         | Stainless Steel |                 |                 |

