



GPLE22 precision low-backlash planetary gearboxes are designed to meet the modern requirements of the industrial market and are manufactured in accordance with DIN ISO 9001. The gearboxes are compact in size and can be easily mounted on standard motor sizes NEMA 8 (20 mm), NEMA 11 (28 mm) and NEMA 17 (42 mm).

GPLE22 gearboxes provide high torque transmission with low backlash, are characterized by high permissible axial and radial loads, high torsional rigidity and silent operation.

## Technical data

Suitable for motor sizes	NEMA 8 (20 mm), NEMA 11 (28 mm) and NEMA 17 (42 mm)
Rated output torque	1.5 Nm
Max. backlash	55' (arc. Minutes)
Max. input speed	4500 rpm
Efficiency	80%
Moment of inertia	0.09 kg mm <sup>2</sup>
Possible reduction ratios	9, 12, 15

## Technical data

IP protection	IP43
Admissible radial shaft Load	20 N
Admissible axial shaft Load	20 N
Length "L"	34 mm
Weight	0.1 kg
Service life	10000 h
Operating temperature	-25 to +90 °C

## Dimensions of precision planetary gearbox GPLE22

