

## Gearcon - your gear provider - planet gearbox PG52

Parameter	1-stage	2-stage	3-stage
Perm. output torque	2.0 Nm	5.0 Nm	10.0 Nm
Gearbox efficiency, approx.	0.73	0.68	0.63
Max. backlash in ° DEG	1.10°	1.15°	1.20°
Recommended initial speed	3,200 rpm	3,200 rpm	3,200 rpm
Operating temperature	-25 °C to +75 °C	-25 °C to +75 °C	-25 °C to +75 °C
<b>Output side with sintered metal bearing</b>			
Max. load, radial (10mm from flange)	20 N	32 N	45 N
Max. load, axial	6 N	10 N	15 N
Max. perm.fitting pressure	260 N	260 N	260 N
<b>Output side with needle bearing</b>			
Max. load, radial (10mm from flange)	200 N	320 N	450 N
Max. load, axial	60 N	100 N	150 N
Max. perm.fitting pressure	520 N	520 N	520 N

