

Gearcon - your gear provider - planet gearbox PG42

Parameter	1-stage	2-stage	3-stage
Perm. output torque	0.8 Nm	2.0 Nm	4.0 Nm
Gearbox efficiency, approx.	0.77	0.72	0.67
Max. backlash in ° DEG	1.70°	1.75°	1.80°
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
Output side with sintered metal bearing			
Max. load, radial (10mm from flange)	16 N	32 N	48 N
Max. load, axial	5 N	10 N	15 N
Max. perm.fitting pressure	160 N	160 N	160 N
Output side with needle bearing			
Max. load, radial (10mm from flange)	160 N	230 N	300 N
Max. load, axial	50 N	80 N	110 N
Max. perm.fitting pressure	325 N	325 N	325 N

