

Gearcon - your gear provider - planet gearbox PG78

Parameter	1-stage	2-stage	3-stage
Perm. output torque	20 Nm	60 Nm	120 Nm
Gearbox efficiency, approx.	0.79	0.74	0.69
Max. backlash in ° DEG	0.50°	0.55°	0.60°
Recommended initial speed	3,200 rpm	3,200 rpm	3,200 rpm
Operating temperature	-40 °C to +145 °C	-40 °C to +145 °C	-40 °C to +145 °C
Output side with sintered metal bearing			
Max. load, radial (10mm from flange)	42 N	62 N	100 N
Max. load, axial	8 N	12 N	20 N
Max. perm.fitting pressure	750 N	750 N	750 N
Output side with needle bearing			
Max. load, radial (10mm from flange)	420 N	620 N	1.020 N
Max. load, axial	80 N	120 N	200 N
Max. perm.fitting pressure	1.550 N	1.550 N	1.550 N

