



GEARBOX SPECIFICATION

Reduction Ratio		11 (10.84)
No. of Stages		2
Rated Output Torque	Nm	19.2
Max. Output Torque	Nm	32.9
Rated Input Speed	rpm	3,500
Max. Input Speed	rpm	4,658
Backlash	°	0.51
Efficiency	%	89
Lifetime	h	10,000
Max. Axial Force	N	1,302
Max. Radial Force (shaft middle)	N	516
Gearbox Inertia	kg m ²	8.4×10^{-6}
Ambient Temperature	°C	-15 ... 90
Protection Class		IP54

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715		Weight: 0.80 kg		
REV	Rev. Text	Name	Rel. Date	Date	Name	GP56-S2-11-SR				
				Drawn	19.11.2018					Naubert_A
				Checked	19.11.2018					Naubert_A
				Approved	19.11.2018	Naubert_A	12000020		Scale: 1 : 1	
				Nanotec PLUG & DRIVE		State: Released		Rev: 03		P