



### GEARBOX SPECIFICATION

Reduction Ratio		62 (62.33)
No. of Stages		2
Rated Output Torque	Nm	18.3
Max. Output Torque	Nm	26.1
Rated Input Speed	rpm	3,500
Max. Input Speed	rpm	13,000
Backlash	°	0.53
Efficiency	%	86
Lifetime	h	10,000
Max. Axial Force	N	1,302
Max. Radial Force (shaft middle)	N	516
Gearbox Inertia	kg m <sup>2</sup>	3.1x10 <sup>-6</sup>
Ambient Temperature	°C	-15 ... 90
Protection Class		IP54

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715		Weight: 0.82 kg		
REV	Rev. Text	Name	Rel. Date	Date	Name	GP56-S2-62-SR				
				Drawn	19.11.2018					Naubert_A
				Checked	19.11.2018					Naubert_A
				Approved	19.11.2018	Naubert_A	12000021		Scale: 1 : 1	
				<b>Nanotec</b> PLUG & DRIVE		State: Released		Rev: 02	P	