



### GEARBOX SPECIFICATION

Reduction Ratio		20 (20.03)
No. of Stages		2
Rated Output Torque	Nm	28.6
Max. Output Torque	Nm	39.4
Rated Input Speed	rpm	3,500
Max. Input Speed	rpm	8,304
Backlash	°	0.53
Efficiency	%	94
Lifetime	h	10,000
Max. Axial Force	N	1,532
Max. Radial Force (shaft middle)	N	564
Gearbox Inertia	kg m <sup>2</sup>	3.4x10 <sup>-6</sup>
Ambient Temperature	°C	-15 ... 90
Protection Class		IP54

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715		Weight: 0.88 kg		
REV	Rev. Text	Name	Rel. Date	Date	Name	GP56-T2-20-HR				
				Drawn	23.05.2019					Naubert_A
				Checked	23.05.2019					Naubert_A
				Approved	23.05.2019	Naubert_A	12200050		Scale: 1 : 1	
				 <b>Nanotec</b> <sup>®</sup> <small>PLUG &amp; DRIVE</small>		State: Released		Rev: -.B		P