



**GEARBOX SPECIFICATION**

Reduction Ratio		7 (6.53)
No. of Stages		1
Rated Output Torque	Nm	12.1
Max. Output Torque	Nm	26.1
Rated Input Speed	rpm	3,500
Max. Input Speed	rpm	8,988
Backlash	°	0.56
Efficiency	%	92
Lifetime	h	10,000
Max. Axial Force	N	1,302
Max. Radial Force (shaft middle)	N	516
Gearbox Inertia	kg m <sup>2</sup>	3.7x10 <sup>-6</sup>
Ambient Temperature	°C	-15 ... 90
Protection Class		IP54

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: 0.58 kg	
			Date	Name	
			Drawn	19.11.2018	Naubert_A
			Checked	19.11.2018	Naubert_A
			Approved	19.11.2018	Naubert_A
				<b>GP56-S1-7-SR</b>	
				12000019	Scale: 1 : 1
				State: Released	Rev: 02
REV	Rev. Text	Name	Rel. Date	 <b>Nanotec</b> <sup>®</sup> <small>PLUG &amp; DRIVE</small>	
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