



GEARBOX SPECIFICATION

Reduction Ratio		33 (32.72)
No. of Stages		2
Rated Output Torque	Nm	21.6
Max. Output Torque	Nm	42.7
Rated Input Speed	rpm	3,500
Max. Input Speed	rpm	10,913
Backlash	°	0.54
Efficiency	%	93
Lifetime	h	10,000
Max. Axial Force	N	1,532
Max. Radial Force (shaft middle)	N	564
Gearbox Inertia	kg m ²	2.1x10 ⁻⁶
Ambient Temperature	°C	-15 ... 90
Protection Class		IP54

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715		Weight: 0.89 kg	
					Date	Name		GP56-T2-33-HR	
					Drawn	23.05.2019	Naubert_A		
					Checked	23.05.2019	Naubert_A		
					Approved	23.05.2019	Naubert_A	12200050	
REV	Rev. Text	Name	Rel. Date	 Nanotec [®] PLUG & DRIVE		State: Released		Rev: -A	Scale: 1 : 1
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