



01

GEARBOX SPECIFICATION

Reduction Ratio	18
No. of Stages	1
Rated Output Torque	Nm 50
Max. Output Torque	Nm 50
Rated Input Speed	rpm 2000
Max. Input Speed	rpm 3000
Backlash	° 0.02
Efficiency	% 98
Lifetime	h 20000
Max. Axial Force	N 4000
Gearbox Inertia	kg m ² 108150 ×10 ⁻⁶
Repetitive Positioning Accuracy	° 0.02 ± 0.008
Max. Tilting Moment	Nm 250
Runout of Output Table Surface	mm 0.01
Runout of Output Table Inner (Outer) Diameter	mm 0.01
Ambient Temperature	°C -25 ... 90
Protection Class	IP50

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ± 10% 9.0kg
			Date	Name
			Drawn	24.06.2024 Kolev_I
			Reviewed	07.11.2024 Sejdini_B
			Released	07.11.2024 Sejdini_B
01	Gearbox inertia	Kolev_I	12.12.2024	
REV	Rev. Text	Name	Date	
Nanotec PLUG & DRIVE				20002524
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