



**GEARBOX SPECIFICATION**

Reduction Ratio		4 (4/1)
No. of Stages		1
Rated Output Torque	Nm	1
Max. Output Torque	Nm	3
Rated Input Speed	rpm	3,000
Max. Input Speed	rpm	8,500
Backlash	°	0.8
Efficiency	%	91
Lifetime	h	5,000
Max. Axial Force	N	540
Max. Radial Force (shaft middle)	N	180
Gearbox Inertia	kg m <sup>2</sup>	0.692 x10 <sup>-6</sup>
Ambient Temperature	°C	-10 ... 50
Protection Class		IP54

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~0.28kg	
			Date	Name	
			Drawn	02.11.2022	Kaiming_C
			Reviewed	03.11.2022	Kaiming_C
			Released	03.11.2022	Kaiming_C
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REV	Rev. Text	Name	Date		
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