



**GEARBOX SPECIFICATION**

Reduction Ratio		7 (7/1)
No. of Stages		1
Rated Output Torque	Nm	0.8
Max. Output Torque	Nm	2.4
Rated Input Speed	rpm	3,000
Max. Input Speed	rpm	15,000
Backlash	°	0.69
Efficiency	%	90
Lifetime	h	5,000
Max. Axial Force	N	650
Max. Radial Force (shaft middle)	N	220
Gearbox Inertia	kg m <sup>2</sup>	0.255 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	
00					20001760	Scale: 1 : 1
REV	Rev. Text	Name				Date
State: Released			Rev: 00	CONFIDENTIAL		

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