



GEARBOX SPECIFICATION

Reduction Ratio		15.72 (456/29)
No. of Stages		2
Rated Output Torque	Nm	3.9
Max. Output Torque	Nm	7.8
Rated Input Speed	rpm	3,000
Max. Input Speed	rpm	8,500
Backlash	°	0.56
Efficiency	%	83
Lifetime	h	5,000
Max. Axial Force	N	860
Max. Radial Force (shaft middle)	N	290
Gearbox Inertia	kg m ²	0.663 x10 ⁻⁶
Ambient Temperature	°C	-10 ... 50
Protection Class		IP54

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~0.38kg		
			Date	Name		
			Drawn	02.11.2022	Kaiming_C	
			Reviewed	03.11.2022	Kaiming_C	
			Released	03.11.2022	Kaiming_C	
00					20001761	Scale: 1 : 1
REV	Rev. Text	Name				
			State: Released		Rev: 00	CONFIDENTIAL

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