



GEARBOX SPECIFICATION	
Reduction Ratio	10
No. of Stages	1
Rated Output Torque	Nm 18
Max. Output Torque	Nm 18
Rated Input Speed	rpm 2000
Max. Input Speed	rpm 3000
Backlash	° $\leq 0.02$
Efficiency	% 98
Lifetime	h 20000
Max. Axial Force	N 500
Gearbox Inertia	kg m <sup>2</sup> $2100 \times 10^{-6}$
Repetitive Positioning Accuracy	° $0.02 \pm 0.008$
Max. Tilting Moment	Nm 20
Runout of Output Table Surface	mm 0.01
Runout of Output Table Inner (Outer) Diameter	mm 0.01
Ambient Temperature	°C -15 ... 90
Protection Class	IP50

02

01

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~1.4kg	
			Date	Name	
			Drawn 09.05.2023	Schneid_A	
03	dimensions updated	Schneid_A 23.11.2023	Reviewed 11.07.2023	Sejdini_B	
02	dimensions updated	Kolev_I 22.11.2023	Released 11.07.2023	Sejdini_B	
01	add. values	Schneid_A 09.08.2023			
REV	Rev. Text	Name	Date		

**HRTA-851-010**

Scale: 1 : 1  
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State: Released    Rev: 03    CONFIDENTIAL

