



**GEARBOX SPECIFICATION**

Reduction Ratio	10
No. of Stages	1
Rated Output Torque	Nm 3.5
Max. Output Torque	Nm 3.5
Rated Input Speed	rpm 3000
Max. Input Speed	rpm 5000
Backlash	° ≤ 0.02
Efficiency	% 98
Lifetime	h 20000
Max. Axial Force	N 250
Gearbox Inertia	kg m <sup>2</sup> 1000 x 10 <sup>-6</sup>
Repetitive Positioning Accuracy	° 0.02 ± 0.008
Max. Tilting Moment	Nm 5
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: ~0.55kg	
			Date	Name	
			Drawn	22.06.2023	Schneid_A
			Reviewed	11.07.2023	Sejdini_B
02	dimensions updated	Kolev_I	22.11.2023	Released	11.07.2023
01	add. values	Schneid_A	09.08.2023		
REV	Rev. Text	Name	Date		
				20002015	
				Scale: 1 : 1	
				A3 Page 1	
				State: Released	
				Rev: 02	
				CONFIDENTIAL	

HRTA-601-010

