



GEARBOX SPECIFICATION

GP80-xx-x-SR	T1-4	T1-7
Reduction Ratio	4.182 (46/11)	6.833 (41/6)
No. of Stages	1	
Rated Output Torque	Nm 36.96	21.37
Max. Output Torque	Nm 82	66
Rated Input Speed	rpm 3000	
Max. Input Speed	rpm 4342	7000
Backlash	° ≤0.5	

Efficiency	%	92	ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~1.9 kg			
Lifetime	h	10000				Date	Name			
Gearbox Inertia	kg m ²	25 x10 ⁻⁶				Drawn	28.06.2023	Schneid_A		
Ambient Temperature	°C	-15 ... 90				Reviewed	07.07.2023	Kaiming_C		
Protection Class		IP54				Released	07.07.2023	Kaiming_C		
Ft 100 rpm Output Speed	N	970	00			20002018		Scale: 1 : 2		
Fa 100 rpm Output Speed (shaft middle)	N	2950	REV	Rev. Text	Name			Date	A4 Page 1	
							State: Released	Rev: 00	CONFIDENTIAL	