



GEARBOX SPECIFICATION

GP56-xx-xx-HR	T2-11	T2-16	T2-20	T2-26	T2-33	T2-43	T2-62
Reduction Ratio	10.84 (18225/1681)	15.50 (3969/256)	20.03 (7371/368)	25.71 (6993/272)	32.72 (6642/203)	42.63 (12321/289)	62.33 (11655/187)
No. of Stages	2						
Rated Output Torque Nm	20.27	22.01	23.03	23.13	22.24	26.38	26.38
Max. Output Torque Nm	40.54	44.02	46.06	46.26	44.48	52.76	52.76
Rated Input Speed rpm	3500						
Max. Input Speed rpm	4658	5968	8307	8988	10919	8988	13000
Backlash °	≤0.5						
Efficiency %	85						
Lifetime h	10000						
Gearbox Inertia kg m ²	8.4 x 10 ⁻⁶	6.3 x 10 ⁻⁶	3.4 x 10 ⁻⁶	3.7 x 10 ⁻⁶	2.1 x 10 ⁻⁶	3.6 x 10 ⁻⁶	3.2 x 10 ⁻⁶
Ambient Temperature °C	-15 ... 90						
Protection Class	IP54						
Fr 100 rpm Output Speed N	540						
Fa 100 rpm Output Speed (shaft middle) N	1630						

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715			
					Date	Name		GP56-T2-x-HR	
					Drawn	25.01.2023	Schneid_A		
					Reviewed	17.05.2023	Kaiming_C		
					Released	17.05.2023	Kaiming_C	20001853	
02	Backlash updated	Kaiming_C	24.05.2023						
01	changed values, dim.	Schneid_A	17.05.2023			20001853		Scale: 1 : 1 A4 Page 1	
REV	Rev. Text	Name	Date						
								State: Released Rev: 02 CONFIDENTIAL	