



GEARBOX SPECIFICATION		
GP42-xx-x-xx	S3-100	S3-250
Reduction Ratio	95.7 (258741/2704)	240.55 (2646/11)
No. of Stages	3	
Rated Output Torque	Nm 12.2	15
Max. Output Torque	Nm 24.4	30
Rated Input Speed	rpm	3000
Max. Input Speed	rpm 9187	18000
Backlash	°	≤1
Efficiency	%	78
Lifetime	h	10000
Gearbox Inertia	kg m ² 0.71 x10 ⁻⁶	0.43 x10 ⁻⁶
Ambient Temperature	°C	-15 ... 90
Protection Class	IP54	
F _r 100 rpm Output Speed (shaft middle)	N	890
F _a 100 rpm Output Speed	N	305

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715				
			Date	Name	GP42-S3-x-SR		
			Drawn	04.10.2023			Schneid_A
			Reviewed	24.10.2023			Rehse_P
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