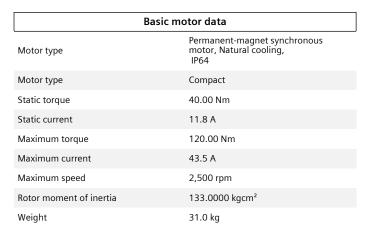


Data sheet for SIMOTICS S-1FK2

Article No.: 1FK2210-4AB10-0MA0

Client order no. : Order no. : Offer no. : Remarks :



	Rated data				
S	SINAMICS S210, 3AC 400V				
	Rated speed	1,500 rpm			
	Rated torque	34.50 Nm			
	Rated current	10.4 A			
	Rated power	5.40 kW			

Encoder system		
Encoder system	Encoder AM22DQC: Absolute encoder 22 bit + 12 bit multiturn	

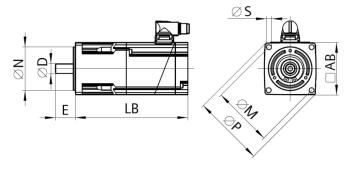
Motor connection		
Connection type	OCC for S210	
Connector size	M23	



Item no. : Consignment no. : Project :

		Figure simi

Mechanical data			
Design acc. to Code I	IM B5 (IM V1, IM V3)		
Vibration severity grade	Grade A		
Shaft height	100		
Flange size (AB)	192 mm		
Centering ring (N)	180 mm		
Hole circle (M)	215 mm		
Screw-on hole (S)	14.0 mm		
Overall length (LB)	282 mm		
Diameter of shaft (D)	38 mm		
Length of shaft (E)	80 mm		
Length of flange diagonal (P)	244 mm		
Shaft end	Plain shaft		
Color of the housing	Standard (Anthracite, similar to RAL 7016)		



Holding brake		
Holding torque	55.00 Nm	
Average dynamic torque	26.00 Nm	
Opening time	130 ms	
Closing time	65 ms	
Maximum single switching energy 1)	8,700 J	
Service life, operating energy	3,800,000 J	
Holding current ²⁾	0.5 A	
Break-induced current for 500 ms ²⁾	1.5 A	

 $^{^{1)}\}mbox{Up}$ to three consecutive emergency stops and up to 25% of all emergency stops as a Wmax high energy stop possible.

²⁾Typcial value for 20°C ambient temperature. At -15°C the break-induced currents can be increased by up to 30%.