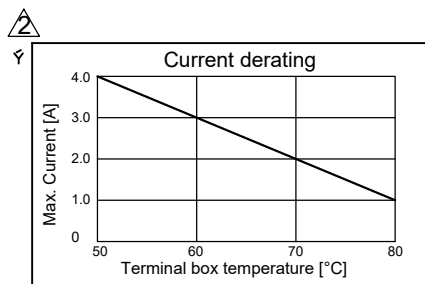


MOTOR SPECIFICATION		
Voltage	V DC	2.4
Current per Winding	A	2.82 *
Resistance per Phase (25°C)	±15% Ω	0.85
Inductance per Phase (1 kHz)	±20% mH	2.5
Holding Torque	Nm	1.24
Step Angle	±5% °	1.8
Rotor Inertia	kg m <sup>2</sup>	30 x 10 <sup>-6</sup>

GENERAL MOTOR SPECIFICATION		
Ambient Temperature	°C	-10 ... 50 *
Max. Temperature Rise (at standstill - 2 phases energized)	°C	80 *
Max. Ambient Humidity (non condensing)	%	85
Insulation Class		B
Insulation Resistance	MΩ	100
Dielectric Strength (for 1 min - coil to case)	V AC	500
Protection Class		IP65



A-Shaft		Preload Spring		B-Shaft	
Max. Axial Force $F_a$	N	15			
Max. Radial Force $F_r$ ( $a_1 = 5$ mm)	N	130			
Max. Radial Force $F_r$ ( $a_2 = 20$ mm)	N	52			
Axial Play	$F_a = 4.5$ N mm	0.08			
Radial Play	$F_r = 4.5$ N mm	0.02			

M12-5 pole Motor	
NO.	ASSIGNMENT
1	A\
2	A
3	B
4	B\
5	HOUSING

CABLE MOTOR:  
ZK-M12-5-2m(5m)  
STRAIGHT OR 90° ANGLED

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~0.85 kg	
			Date	Name	
			Drawn	04.12.2017	Import
			Reviewed	---	---
			Released	---	---
04	change tol. diameter 5	Schneid_A	09.06.2022	AS5918M2804	
REV	Rev. Text	Name	Date	02000133	
				A4 Page 1	
			State: Released		Rev: 04
			CONFIDENTIAL		

