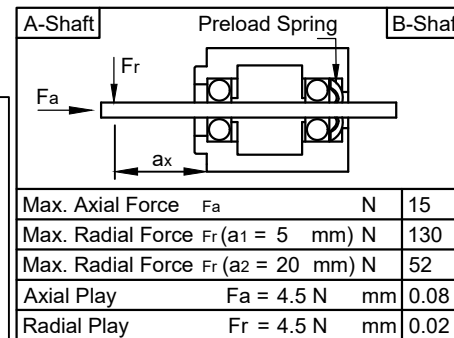
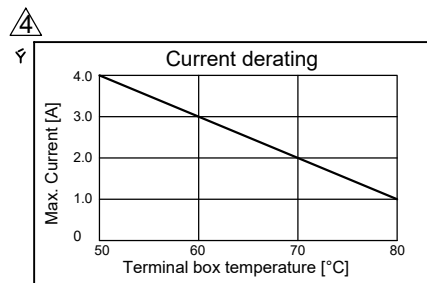


Temperature on marked area must not exceed 80°C. From 50°C to 80°C follow derating curve.

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



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

M12-8 pole Motor	
NO.	ASSIGNMENT
1	A
2	A\
3	B
4	B\
5	GND
6	I\
7	I
8	Vcc (5V)
Housing	GND/Shielding

CABLE MOTOR:  
ZK-M12-8-2m(5m)  
STRAIGHT OR  
90° ANGLED

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~0.85 kg
			Date	Name
			Drawn	04.12.2017
			Reviewed	Import
			Released	
06	change tol. diameter 5	Schneid_A	12.07.2022	
REV	Rev. Text	Name	Date	
<b>Nanotec</b> PLUG & DRIVE				
AS918M2804-E				
02000134				
State: Released		Rev: 06		CONFIDENTIAL
				A4 Page 1