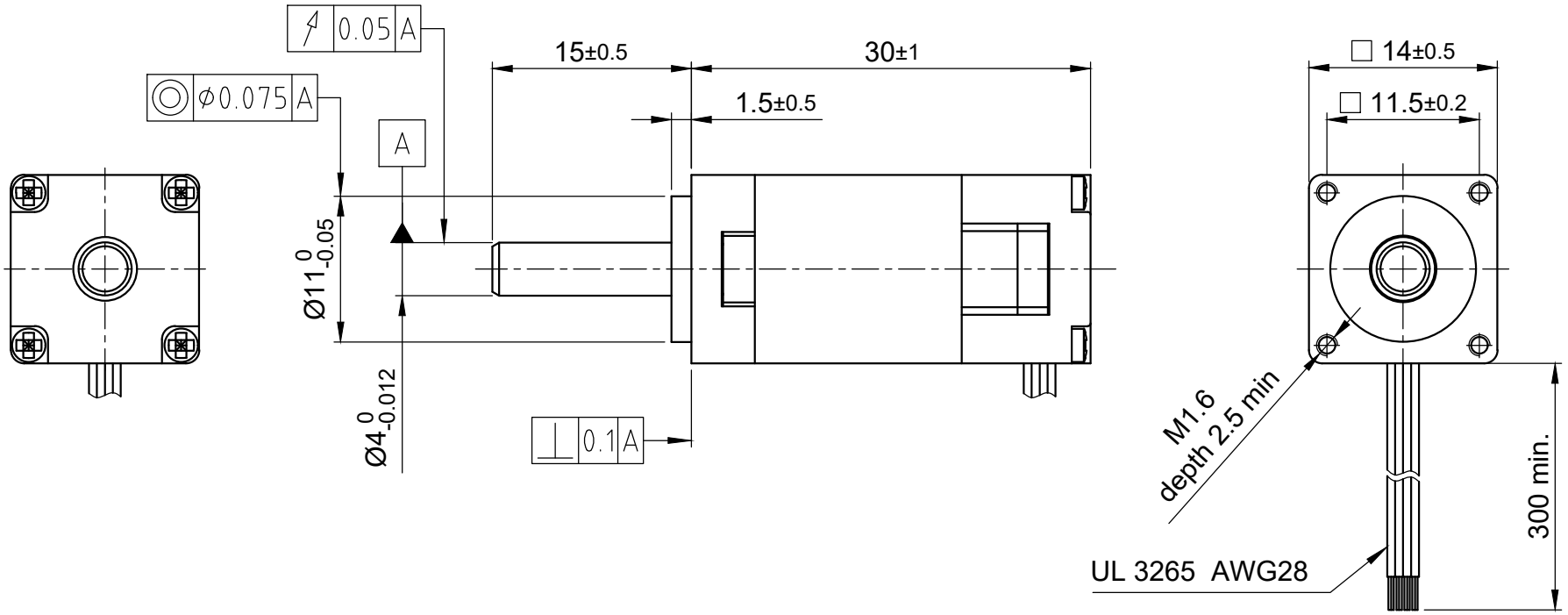


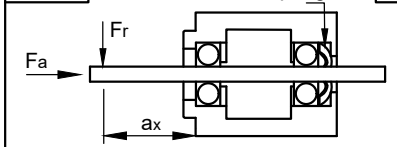
MOTOR SPECIFICATION		
Voltage	V DC	6.3
Current per Winding	A	0.3
Resistance per Phase (25°C) ±15%	Ω	21
Inductance per Phase (1 kHz) ±20%	mH	4.2
Holding Torque	Nm	0.0062
Step Angle ±5%	°	1.8
Rotor Inertia	kg m²	0.064×10^{-6}

1

GENERAL MOTOR SPECIFICATION		
Ambient Temperature	°C	-20 ...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	250

TYPE OF CONNECTION		
Bipolar	Wire Colour	Winding
A	BK	
A\	GN	
B	RD	
B\	BU	

A-Shaft | Preload Spring | B-Shaft



Max. Axial Force Fa		N	1
Max. Radial Force Fr (a2 = 20 mm)		N	3.9
Axial Play	Fa = 4 N	mm	0.08
Radial Play	Fr = 4 N	mm	0.02

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~0.03 kg

					Date	Name
				Drawn	02.06.2021	Schneid_A
				Reviewed	02.06.2021	Hofstet._M
				Released	02.06.2021	Hofstet._M
01	change Rotor Inertia	Reith_S	01.02.2023			
REV	Rev. Text	Name	Date			

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