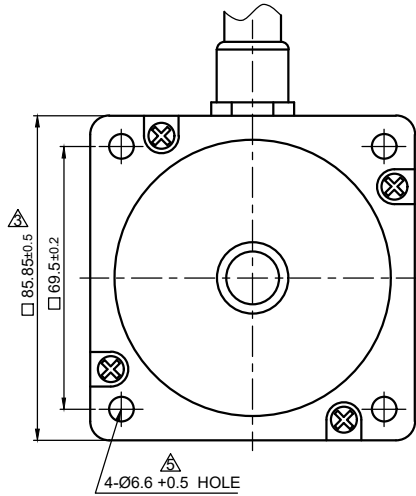
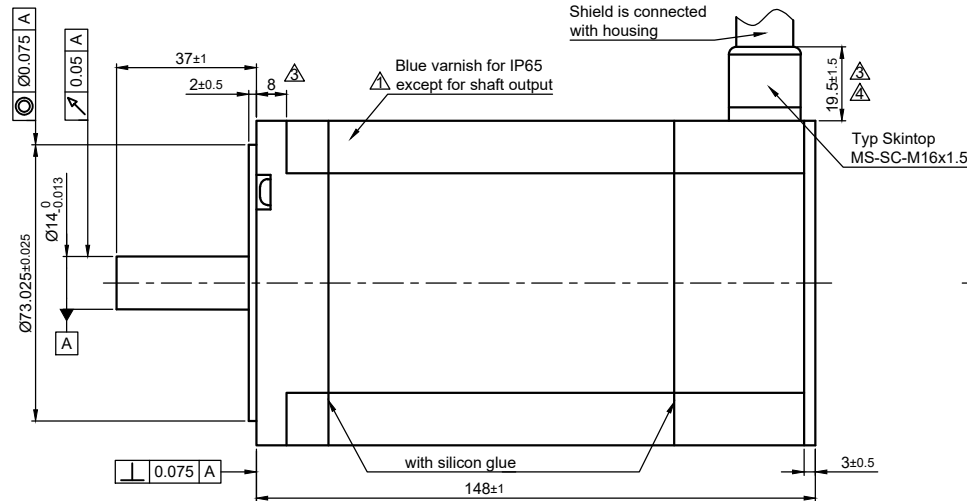


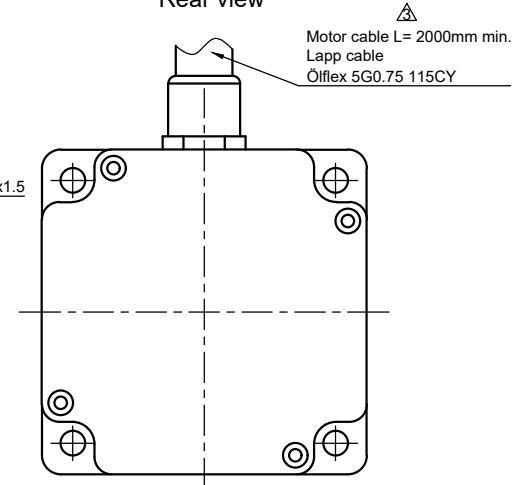
Front view and mounting



Side view



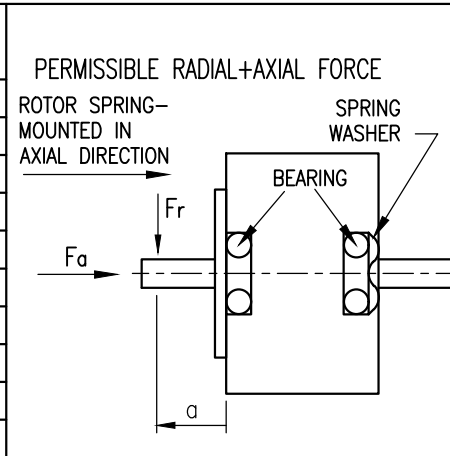
Rear view



CONNECTION

SPECIFICATION *	BIPOLAR	PARALLEL
VOLTAGE (VDC)	2.47	
AMPS/PHASE	9.5	
RESISTANCE/PHASE (Ohms)@25°C	0.35±15%	
INDUCTANCE/PHASE (mH) @1KHz	2.7±20%	
HOLDING TORQUE (Nm) [lb-in]	9.33 [82.57]	
STEP ANGLE (°)	1.8	
STEP ACCURACY (NON-ACCUM)	±5%	
ROTOR INERTIA (Kg-m <sup>2</sup> ) [lb-in <sup>2</sup> ]	3.0x10 <sup>-4</sup> [1.025]	
WEIGHT (Kg) [lb]	4.6 [10.14]	

TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	AXIAL-FORCE Fa (N)	Fa=65			
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F]	DISTANCE a (mm)	5	10	15	20
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)	RADIAL-FORCE Fr (N)	535	355	256	200
INSULATION CLASS B 130° [266°F]	AXIAL	RADIAL			
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	SHAFT PLAY (mm)	0.075	0.025		
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)	AT LOAD MAX: (N)	10	5.0		



M16 MOTOR	
CABLE NO.	ASSIGNMENT
1	A
2	A\
3	B
4	B\
GN/YE	PE
HOUSING	SHIELDING

\*Specification only applies to motor. For additional components (encoder, gears, brakes), please see separate data sheet.



5	add text, clear description	27.04.17	A.S.	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	APVD	S.H.	22.07.08	STEPPER MOTOR IN PROTECTION
4	change tolerance/remove detent tor.	09.03.17	A.S.				CHKD			
3	revise drawing	30.08.16	A.S.	DRN	J.W.	22.07.08	SIGNATURE	DATE	DWG.NO	
REV	DESCRIPTION	DATE	DRN							