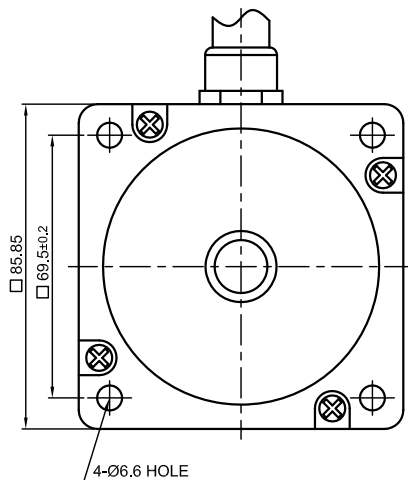
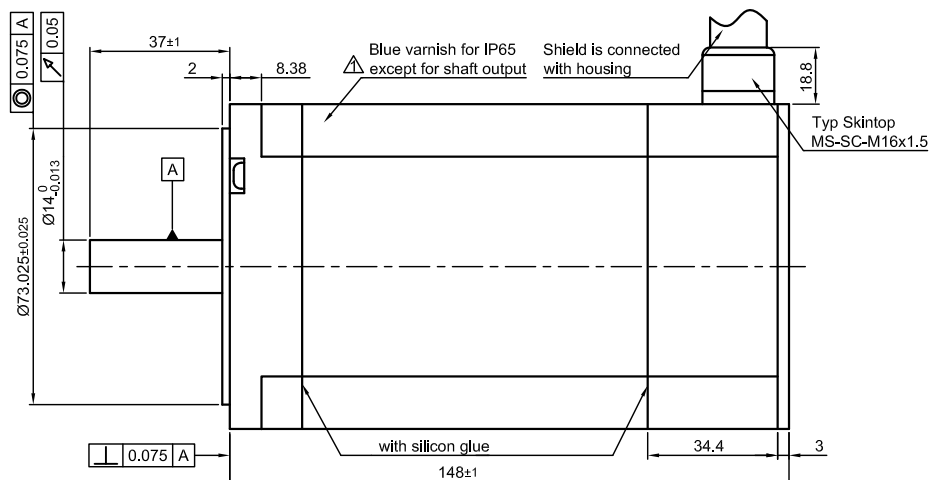


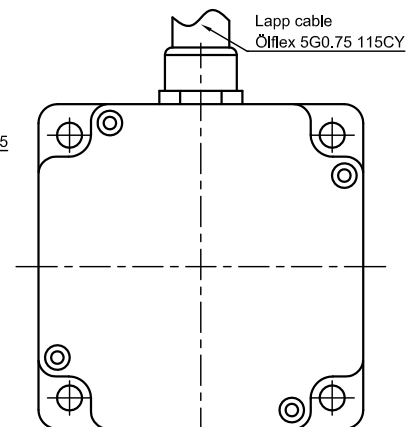
Front view and mounting



Side view



Rear view



CONNECTION		BIPOLAR PARALLEL	PERMISSIBLE RADIAL+AXIAL FORCE				M16 MOTOR																															
SPECIFICATION							CABLE NO.	ASSIGNMENT																														
VOLTAGE (VDC)		2.18	<table border="1"> <tr> <td>AXIAL-FORCE F_a (N)</td> <td colspan="4">$F_a=65$</td> </tr> <tr> <td>DISTANCE a (mm)</td> <td>5</td> <td>10</td> <td>15</td> <td>20</td> </tr> <tr> <td>RADIAL-FORCE F_r (N)</td> <td>535</td> <td>355</td> <td>256</td> <td>200</td> </tr> <tr> <td></td> <td></td> <td>AXIAL</td> <td colspan="2">RADIAL</td> </tr> <tr> <td>SHAFT PLAY (mm)</td> <td>0.075</td> <td colspan="2">0.025</td> <td></td> </tr> <tr> <td>AT LOAD MAX: (N)</td> <td>10</td> <td colspan="2">5.0</td> <td></td> </tr> </table>				AXIAL-FORCE F_a (N)	$F_a=65$				DISTANCE a (mm)	5	10	15	20	RADIAL-FORCE F_r (N)	535	355	256	200			AXIAL	RADIAL		SHAFT PLAY (mm)	0.075	0.025			AT LOAD MAX: (N)	10	5.0			1	A
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AT LOAD MAX: (N)	10	5.0																																				
AMPS/PHASE		9.5					2	A\																														
RESISTANCE/PHASE (Ohms)@25°C		0.23±15%					3	B																														
INDUCTANCE/PHASE (mH) @1KHz		2.7±20%					4	B\																														
HOLDING TORQUE (Nm) [lb-in]		9.33 [82.57]					5	HOUSING																														
DETENT TORQUE (Nm) [lb-in]		0.2 [1.7]																																				
STEP ANGLE (°) ± STEP ACCURACY		1.8±5% (NON-ACCUM)																																				
BACK-EMF (V) (300 U/min)		26																																				
ROTOR INERTIA (Kg-m ²) [lb-in ²]		3.0x10 ⁻⁴ [1.025]																																				
WEIGHT (Kg) [lb]		4.6 [10.14]																																				
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)																																						
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F]																																						
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)																																						
INSULATION CLASS B 130° [266°F]																																						
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)																																						
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)																																						
					SCALE FREE	APVD	S.H.	22.07.08	STEPPER MOTOR IN PROTECTION																													
1	RESTRICTION SUP.+EMF+WEIGHT	02.03.10	J.W.	X ±0.5	CHKD																																	
REV	DESCRIPTION	DATE	APVD	1PL ±0.2	DRN	J.W.	22.07.08	DWG.NO																														
			AP8918L9504	2PL ±0.1	SIGNATURE		DATE	AP8918L9504																														
				ANGLE ±30'																																		