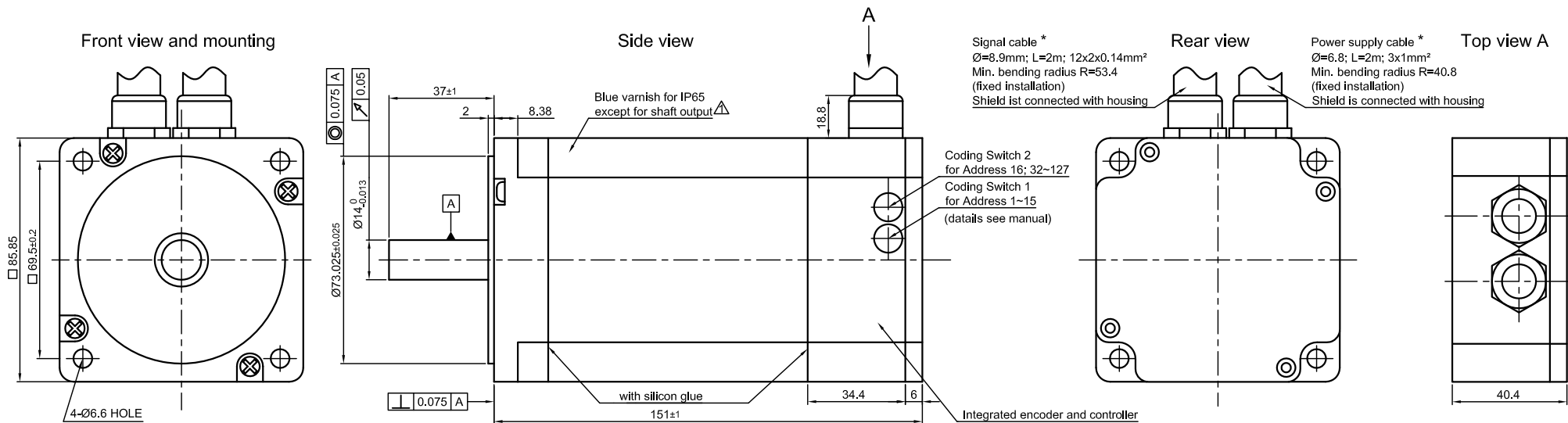
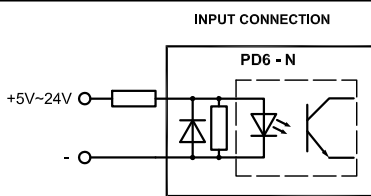
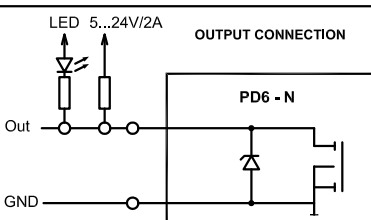
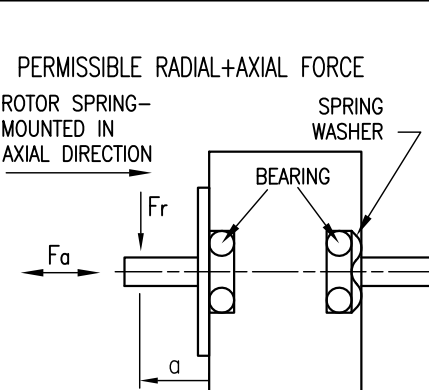




CONNECTION		BIPOLAR PARALLEL	
SPECIFICATION			
SUPPLY VOLTAGE (VDC)		24 to 48	
AMPS/PHASE		* adj. to 11A (rated 7A)	
HOLDING TORQUE (Nm) [lb-in]		9.33 [82.57]	
DETENT TORQUE (Nm) [lb-in]		0.2 [1.7]	
STEP ANGLE (°) ± ACCURACY		* 1.8 to Microstep	
WEIGHT (Kg) [lb]		3.95 [8.71]	
* adjustable with Nanopro.			
OVERTEMPERATURE PROTECTION (ELECTRONICS): 80°C		AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]	
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		INSULATION (MOTOR) 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)	
INPUT CONNECTION		OUTPUT CONNECTION	
			
PERMISSIBLE RADIAL+AXIAL FORCE		AXIAL-FORCE Fa (N)	
		Fa=65	
ROTOR SPRING-MOUNTED IN AXIAL DIRECTION		DISTANCE a (mm)	
SPRING WASHER		5	
BEARING		10	
AT LOAD MAX: (N)		15	
		20	
		535	
		355	
		256	
		200	
		AXIAL	
		RADIAL	
		0.075	
		0.025	
		10	
		5	
SCALE FREE		APVD	
X		S.H.a.	
±0.5		13.07.09	
1PL		CHKD	
±0.2		DRN	
2PL		J.W.	
±0.1		13.07.09	
ANGLE		SIGNATURE	
±30'		DATE	
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RESTRICTION SUPPLEMENTED		DWG.NO	
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