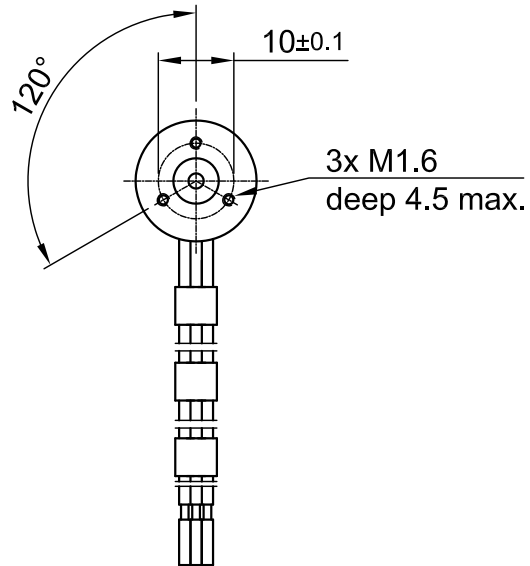
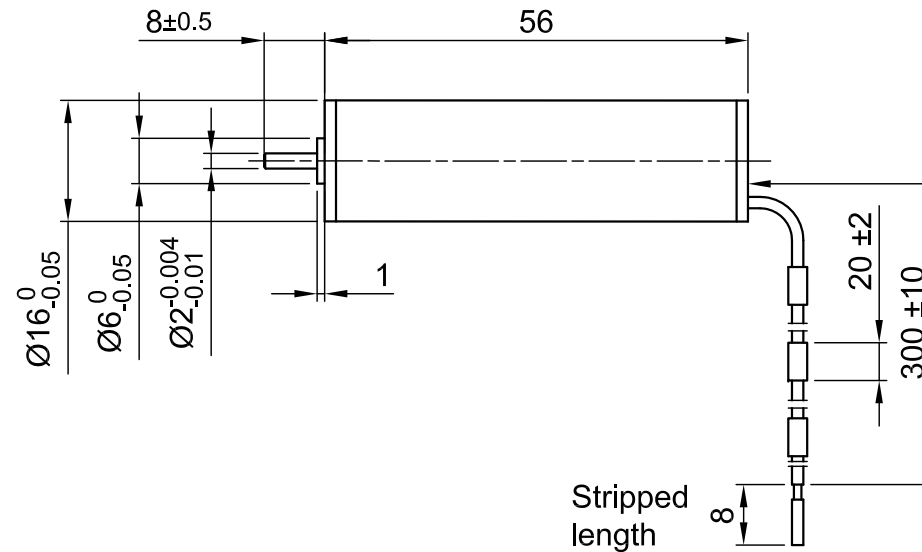


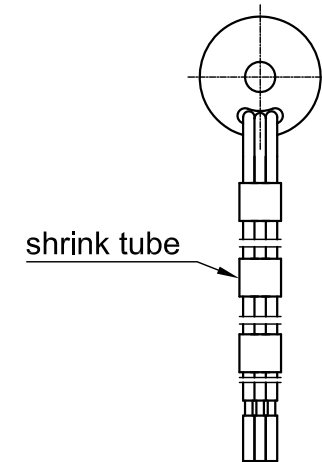
Front view and mounting



Side view



Rear view

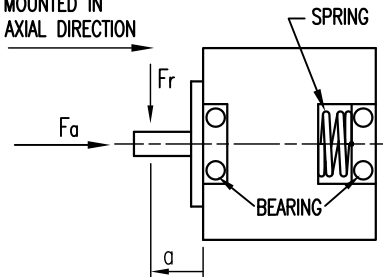


SPECIFICATION	CONNECTION	STAR
NO. OF POL./PHASE	2/3	
VOLTAGE RATED (VDC)	24	
CURRENT RATED/PEAK (AMP)	1.33/ 4.0	
RESISTANCE/PHASE TO PHASE (Ohms) @25°C	1.67 ±10%	
INDUCTANCE/PHASE TO PHASE (mH) @1KHz	0.056 ±20%	
TORQUE RATED/PEAK (mNm)	10/ 30	
TORQUE CONSTANT (mNm/A)	7.48	
POWER RATED (W)	25	
SPEED RATED/NO LOAD (RPM)	24000/29000 ±10%	
ROTOR INERTIA (Kg-m ²)	1.02x10 ⁻⁶	
WEIGHT (Kg)	0.065	

TEMPERATURE RISE: MAX.80°C
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)

PERMISSIBLE RADIAL+AXIAL FORCE

ROTOR SPRING-MOUNTED IN AXIAL DIRECTION

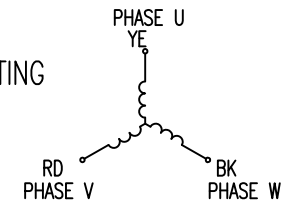


AXIAL-FORCE Fa (N)	Fa=2 max.	
DISTANCE a (mm)	5	
RADIAL-FORCE Fr (N)	5 max.	
	AXIAL	RADIAL
SHAFT PLAY (mm)	0.14	0.02
AT LOAD MAX: (N)	4	4

WIRING DIAGRAM

	COLOR	FUNCTION	LEAD GAUGE
MOTOR 2 POL.	YE	U	UL1332 AWG24
	RD	V	
	BK	W	

THREE-PHASE CONNECTING STAR CONNECTION



				 Nanotec [®] PLUG & DRIVE			APVD	G.S.	17.03.15	BRUSHLESS DC MOTOR
							CHKD			
A	old DWG No DS16L024250A	20.08.15	A.S.	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- ch	Work piece edge DIN ISO 13715	DRN	A.S.	17.03.15	DWG.NO
REV	DESCRIPTION	DATE	DRN				SIGNATURE		DATE	DS16L024240-A