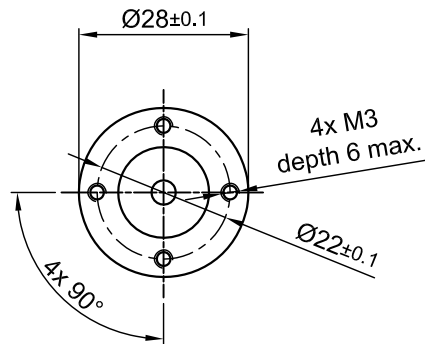
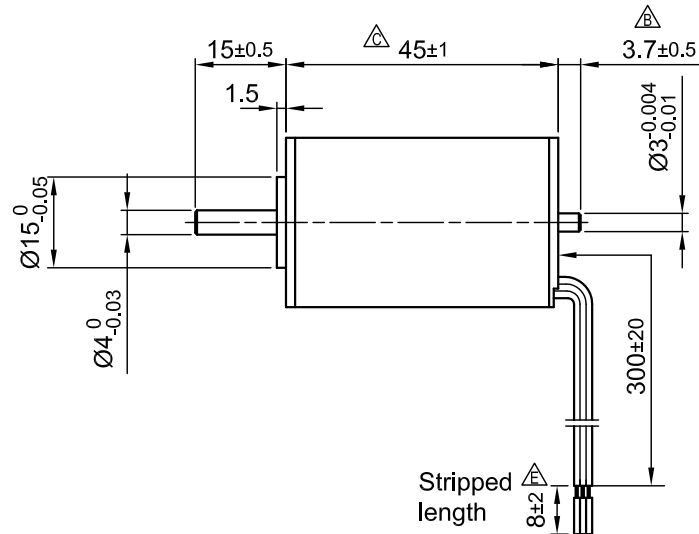


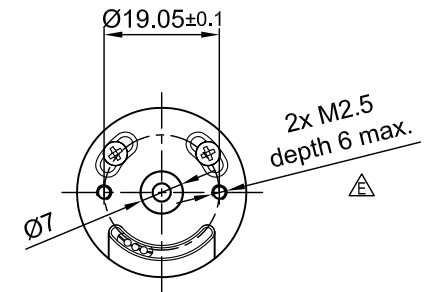
Front view and mounting



Side view



Rear view

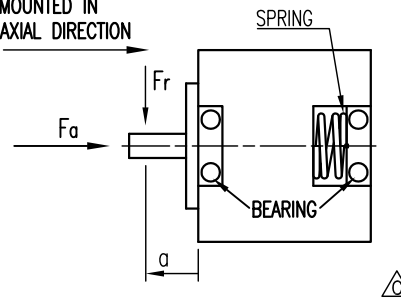


SPECIFICATION	CONNECTION	STAR
NO. OF POL./PHASE	2/3	
VOLTAGE RATED (VDC)	24	
CURRENT RATED/PEAK (AMP)	0.86/ 2.6	
RESISTANCE/ LINE TO LINE (Ohms) @25°C	4.5 ±10%	△/△
INDUCTANCE/ LINE TO LINE (mH) @1KHz	0.42 ±20%	△
TORQUE RATED/PEAK (mNm)	18/55	△
TORQUE CONSTANT (mNm/A)	21	△
POWER RATED (W)	15	△
SPEED RATED/NO LOAD (RPM)	8000/10000 ±10%	
ROTOR INERTIA (kg-m ²)	0.88x10 ⁻⁶	△
WEIGHT (kg)	0.14	△

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

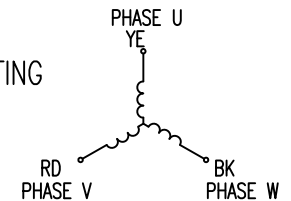


AXIAL-FORCE Fa (N)	Fa=2 max.	
DISTANCE a (mm)	10	
RADIAL-FORCE Fr (N)	5 max.	
	AXIAL	RADIAL
SHAFT PLAY (mm)	0.14	0.02
AT LOAD MAX: (N)	4	4

WIRING DIAGRAM

	COLOR	FUNCTION	LEAD GAUGE
MOTOR 2 POL.	YE	U	UL1332 AWG22
	RD	V	
	BK	W	

THREE-PHASE CONNECTING STAR CONNECTION



E	—	13.09.16	A.S.	 Nanotec [®] PLUG & DRIVE			APVD	G.S.	03.09.15	BRUSHLESS DC MOTOR
D	—	25.08.16	A.S.				CHKD			
C	—	18.05.16	A.S.	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	DRN	A.S.	03.09.15	DWG.NO
REV	DESCRIPTION	DATE	DRN				SIGNATURE		DATE	