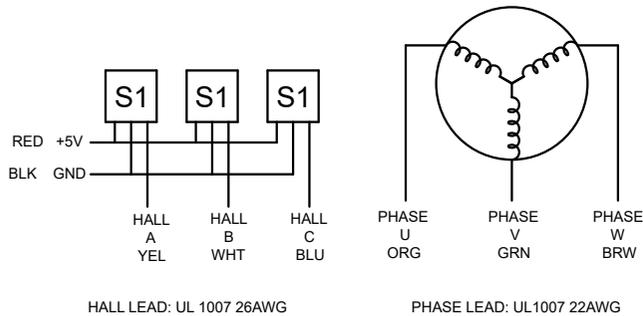
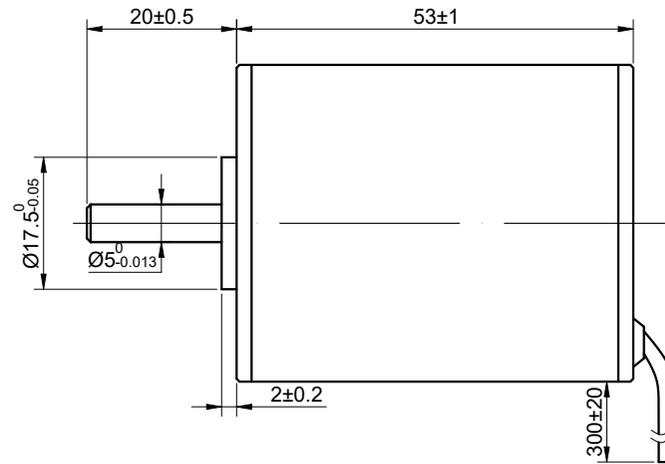
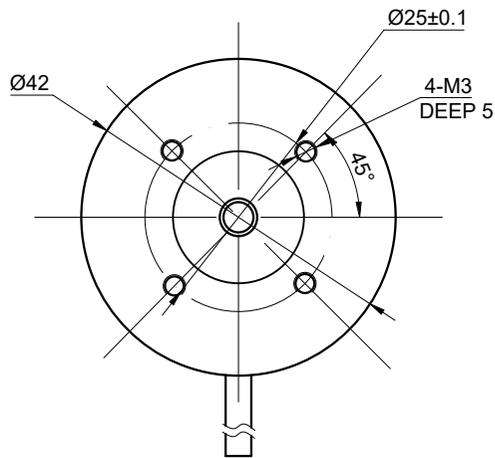
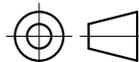


DWG NO. -



SPECIFICATION	CONNECTION	BIPOLAR
NO. of PHASES		3
NO. of POLES		4
RESISTANCE/PHASE(Ohms)@25°C		TBD±10%
INDUCTANCE/PHASE(mH)@1KHz		TBD±25%
RATED VOLTAGE(V)		12
RATED TORQUE(mN.m)		48
RATED POWER(W)		15
RATED SPEED(RPM)		3000±10%
RATED CURRENT(A)		1.9±10%
NO LOAD SPEED(RPM)		3800
NO LOAD CURRENT(A)		0.7
SENSOR		HALL SENSOR
BEARING TYPE		NMB BALL BEARING, C3
AMBIENT TEMPERATURE		-10°C~50°C[14°F~122°F]
INSULATION CLASS		B 130°C[266°F]
TEMPERATURE RISE		MAX.80°C

UNIT mm
 GB/T 1804-M EQV.ISO 2768-1 CLASS M:
 ≤6 ±0.1
 >6~30 ±0.2
 >30~120 ±0.3
 >120~400 ±0.5



mm

UNITS

3:2

SCALE

DRN

APVD

SIGNATURE

MYX

LDJ

DATE

1.14.2026

1.14.2026

DATE

BRUSHLESS DC MOTOR

42BLR53-12-01

OSMTEC®
 Stepper Motor Specialists