

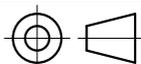
HALL LEAD: UL 1007 26AWG

PHASE LEAD: UL1007 18AWG

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)		24
RATED TORQUE(mN.m)		179
RATED POWER(W)		75
RATED SPEED(RPM)		4000±10%
RATED CURRENT(A)		5±10%
NO LOAD SPEED(RPM)		6200
NO LOAD CURRENT(A)		0.36
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	DRN	MYX	1.14.2026
3:2	APVD	LDJ	1.14.2026
SCALE	SIGNATURE	DATE	

**BRUSHLESS DC MOTOR**

**42BLR83-24-01**

**OSMTEC**®  
Stepper Motor Specialists