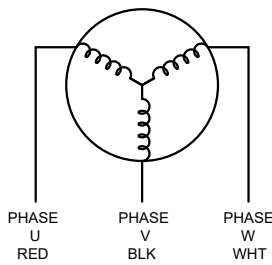


HALL LINE: 0.2mm²

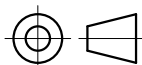


PHASE LINE: 0.75mm²

SPECIFICATION	VALUE
RATED VOLTAGE(V)	36
TERMINAL RESISTANCE(Ohms)	0.28
TERMINAL INDUCTANCE(mH)	0.05
NO LOAD SPEED(RPM)	11000
NO LOAD CURRENT(A)	0.75
RATED SPEED(RPM)	8000
RATED CURRENT(A)	6.82
RATED TORQUE(mNm)	212
RATED POWER(W)	177.59
THE GREATEST POWER OUTPUT(W)	1143.68
EFFICIENCY(%)	85.31
TORQUE CONSTANT (mNm/A)	31.07
STALL TORQUE (mNm)	3971.40
BACK-EMF CONSTANT (mV/RPM)	3.25
SPEED CONSTANT (RPM/V)	307.35
FRICTION TORQUE(mNm)	23.30
CURRENT CONSTANT (A/mNm)	0.03

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

SIGNATURE

1.13.2026

1.13.2026

DATE

BRUSHLESS DC MOTOR

43CL70-36-P2-8000

OSMTEC®
Stepper Motor Specialists