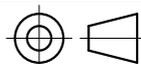


SPECIFICATION	CONNECTION	BIPOLAR
GEAR RATIO		25
NO. of PHASES		3
NO. of POLES		4
RATED VOLTAGE(V)		24
RATED TORQUE(N.m)[lb-in]		1.9[16.82]
RATED POWER(W)		30
RATED SPEED(RPM)		120
RATED CURRENT(A)		1.66
RATED SPEED w/o GEARBOX(RPM)		3400±10%
WEIGHT(kg)		0.83kg
SENSOR		HALL
AMBIENT TEMPERATURE		-10°C~50°C[14°F~122°F]
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	LJ	1.14.2026
2:3	APVD	MYX	1.14.2026
SCALE	SIGNATURE	DATE	

## GEARED BLDC MOTOR

M42B30-24P-30S/G42-25S1

**OSMTEC**<sup>®</sup>  
Stepper Motor Specialists