

HKT2204-702C1-300B-5E

Voltage	Output	Resolution
5V	A B	300 PPR

Flat Cable	1	2	3	4	5
Voltage Output	0V	N.C	Ch B	+5V	Ch A

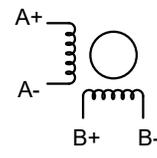
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-	CW	CCW
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

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

MOTOR CONNECTION

PIN NO	BIPOLAR	LEADS
1	A+	BLK
2	A-	GRN
3	B+	RED
4	B-	BLU



SPECIFICATION	VALUE
AMPS/PHASE	0.67
RESISTANCE/PHASE(Ohms)@25°C	5.60±10%
INDUCTANCE/PHASE(mH)@1KHz	4.00±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]	0.07[0.62]
GEAR RATIO	99.548
EFFICIENCY	70.00%
STEP ANGLE w/o GEARBOX(°)	1.80
BACKLASH@NO-LOAD	<=3°
MAX.PERMISSIBLE TORQUE(Nm)	3.00
MOMENT PERMISSIBLE TORQUE(Nm)	5.00
SHAFT MAXIMUM AXIAL LOAD(N)	5.00
SHAFT MAXIMUM RADIAL LOAD(N)	25.00
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

OSMTEC®
 Stepper Motor Specialists

mm	UNITS	DRN	ZPJ	1.16.2026
3:2	APVD	YSX	1.16.2026	
SCALE	SIGNATURE	DATE		

GEARBOX MOTOR
 11HS12-0674D-PG100-E22-300