

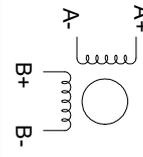
HKT2204-702C1-300B-5E

Voltage	Output	Resolution
5V	A B	300 CPR

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-	CCW
1	+	+	-	-	←
2	-	+	+	-	→
3	-	-	+	+	
4	+	-	-	+	CW

MOTOR CONNECTION		SPECIFICATION	
UNIT mm	PIN NO	AMPS/PHASE	VALUE
GRIT 180/4M	1	RESISTANCE/PHASE(Ohms)@25°C	0.67
EQVISO Z/8-1	A+	INDUCTANCE/PHASE (mH)@1KHz	12.00±10%
CLASS W: ≤6	A-	HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]	6.50±20%
>6~30 ±0.1	B+	GEAR RATIO	0.14[1.24]
>30~120 ±0.2	B-	EFFICIENCY	99.548
>120~400 ±0.5	BLU	STEP ANGLE w/o GEARBOX(°)	73%
		BACKLASH@NO-LOAD(°)	1.80
		MAX. PERMISSIBLE TORQUE(Nm)	<=1
		MOMENT PERMISSIBLE TORQUE(Nm)	4
		SHAFT MAXIMUM AXIAL LOAD(N)	6
		SHAFT MAXIMUM RADIAL LOAD(N)	5
		AMBIENT TEMPERATURE	25
		INSULATION CLASS	-10°C~-50°C[14°F~122°F]
		TEMPERATURE RISE	B 130°C[266°F]
			MAX.80°C



OSMTEC®

Stepper Motor Specialists

mm	DRN	LDJ	1.13.2026
UNITS	APVD	ZPJ	1.19.2026
3:2	SIGNATURE	DATE	
SCALE	11HS20-0674D-PG100-E22-300		

GEARBOX MOTOR