

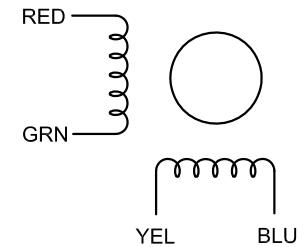
SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		1.00
RESISTANCE/PHASE(Ohms)@25°C		3.20±10%
INDUCTANCE/PHASE(mH)@1KHz		4.50±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		0.14[1.24]
GEAR RATIO		10 <sup>38</sup> / <sub>187</sub>
EFFICIENCY		81.00%
STEP ANGLE w/o GEARBOX(°)		1.80
BACKLASH@NO-LOAD		<=1°
MAX.PERMISSIBLE TORQUE(Nm)		2.00
MOMENT PERMISSIBLE TORQUE(Nm)		4.00
SHAFT MAXIMUM AXIAL LOAD(N)		50.00
SHAFT MAXIMUM RADIAL LOAD(N)		100.00
LIFE(h)		6000
TEMPERATURE RISE:MAX.80°C ( MOTOR STANDSTILL;FOR 2PHASE ENERGIZED )		
AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]		
INSULATION CLASS B 130°C[266°F]		

TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	BIPOLAR	LEADS	WINDING
1	A —	RED	A
2	A\ —	GRN	A\
3	B —	YEL	B
4	B\ —	BLU	B\

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



APVD		7.10.2019
CHKD		
1:1	DRN	
SCALE	SIGNATURE	DATE

**STEPPER MOTOR**  
14HS13-0804D-PG19-E22-300