

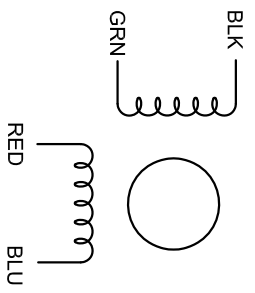
SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.67
RESISTANCE/PHASE(Ohms)@25°C		12.00±10%
INDUCTANCE/PHASE(mH)@1KHZ		6.50±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		0.14[1.24]
GEAR RATIO		13 $\frac{1}{2}$ ₂₈₈
EFFICIENCY		81.00%
STEP ANGLE w/o GEARBOX(°)		1.80
BACKLASH@NO-LOAD		<=1°
MAX.PERMISSIBLE TORQUE(Nm)		3.00
MOMENT PERMISSIBLE TORQUE(Nm)		5.00
SHAFT MAXIMUM AXIAL LOAD(N)		5.00
SHAFT MAXIMUM RADIAL LOAD(N)		25.00
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 — BLK A
2	A1 — GRN A1
3	B — RED B
4	B1 — BLU B1

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



SCALE 1.5:1

APVD	8.20.2018
CHKD	
DRN	
SIGNATURE	DATE

STEPPER MOTOR
11HS20-0674S-PG14-E300