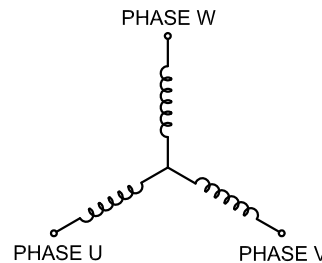
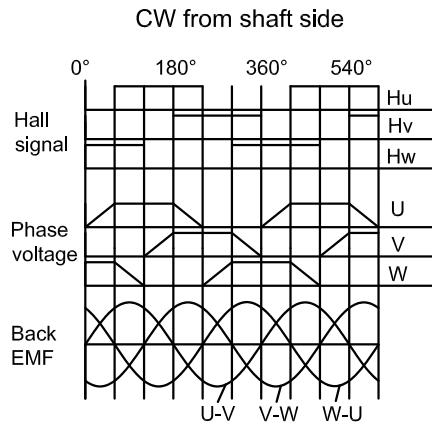


SPECIFICATION	VALUE
NUMBER OF PHASE	3
NUMBER OF POLES	8
RESISTANCE/LINE(Ohms)@20°C	13.7±10%
INDUCTANCE/LINE(mH)@1KHz	7.73±20%
RATED VOLTAGE(VDC)	24
NO LOAD SPEED(RPM)	4530±10%
NO LOAD CURRENT(A)	0.3
RATED TORQUE(mNm)[lb-in]	25.5[0.23]
RATED SPEED(RPM)	2760
RATED CURRENT(A)	0.5
BACK EMF CONSTANT(Vrms/kRPM)	3.75
TORQUE CONSTANT(mNm/A)	50
ROTOR INERTIA(g-cm <sup>2</sup> )	35
WEIGHT(Kg)[lb]	0.05[0.11]
TEMPERATURE RISE	MAX.80°C
INSULATION CLASS	B 130°C[266°F]
DIELECTRIC STRENGTH	500VAC 1MIN
INSULATION RESISTANCE(MOhm)@500VDC	100
AMBIENT TEMPERATURE	-25°C~50°C[-13°F~122°F]
DYNAMIC AXIAL LOAD(N)	10
DYNAMIC RADIAL LOAD(N)@SHAFT LENGTH 10 mm	28

FPC CONNECTION	
PIN NO	FUNCTION
1	Vcc 4.5-24 VDC
2	Hall C
3	Hall A
4	Hall B
5	GND
6	Motor phase W
7	Motor phase V
8	Motor Phase U



**SKYSMotor**

mm	APVD	3.4.2019
UNIT	CHKD	
1:1	DRN	
SCALE	SIGNATURE	DATE

**BRUSHLESS DC MOTOR**

**32BLE18-24-01**