



SPECIFICATION	VALUE
NO. of PHASES	3
NO. of POLES	4
RATED VOLTAGE(V)	24
RATED CURRENT(A)	14.0±10%
RATED POWER(W)	220
RATED SPEED w/o GEARBOX(RPM)	3500±10%
RATED TORQUE (N.m)	20
GEAR RATIO	50
EFFICIENCY	75.00%REF
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]	20[177.01]
BACKLASH@NO-LOAD(°)	1.6
SENSOR	HALL SENSOR
INSULATION CLASS	CLASS B
INSULATION RESISTANCE	100MΩ MIN @ 500VDC
DIELECTRIC STRENGTH TEST	500VDC for 1 MINUTE
BEARING TYPE	NMB BALL BEARING, C3

APVD				
CHKD				
DRN				
SCALE	1.5:1	SIGNATURE	DATE	12.8.2023

BRUSHLESS DC MOTOR

57BLR90-24-01-HG50

HALL LEAD: UL1007 26AWG

PHASE LEAD: UL1007 18AWG

