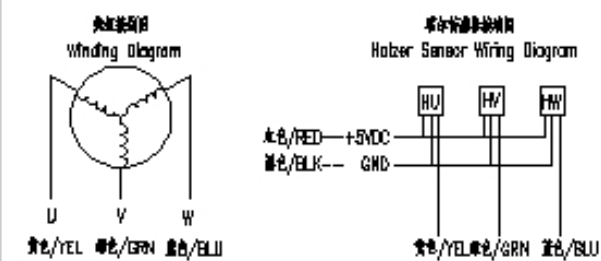


BRUSHLESS DC SERVO MOTOR

BS801(80mm) , 3 Phase

Standard Leadwire Configuration



Picture



Motor Electrical Specification

Motor Model	BS801-160140	BS801-16033	BS801-23950
Number of Phases	3	3	3
Number of Poles	8	8	8
Rated Voltage(VDC/VAC)	48	220	220
Rated Speed(Rpm)	3000	3000	3000
Rated Torque(N.m)	1.6	1.6	2.39
Rated Power(W)	500	500	750
Rated Current(A)	14	3.3	5.0
Peak Current(A)	42	10	15.0
Peak Torque(N.M)	4.8	4.8	7.1
Rotor Inertia(kg.cm ²)	1.6	1.6	2.1
Torque Constant(N.m/A)	0.11	0.51	0.51
Torque Constant(V/krpm)	10.47	40	42
Line-Line Resistance(Ω)	1	3	2.2
Line-Line Inductance(mH)	0.9	6	9
Length(mm)	96	96	116
Weight(kg)	2.04	2.2	3.2
Encoder line number (ppr)		1000, 2500	

Mechanical Dimensions

