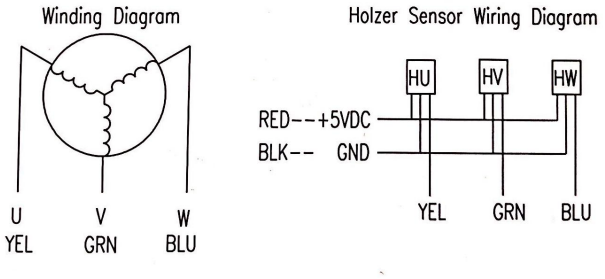
OUTER ROTOR BLDC MOTOR OB905(90mm) ,3 Phase

Standard Leadwire Configuration



Picture



Motor Electrical Specification

Motor Model	OB905-05064S	OB905-07596S	OB905-100128S
Number of Phase	3		
Number of Poles	24		
Rated Voltage(VDC)	24		
Rated Speed(Rpm)	2000		
Rated Torque(N.m)	0.5	0.75	1.0
Rated Power(W)	100	150	200
Rated Current(A)	6.4	9.6	12.8
Peak Current(A)	19.2	28.8	38.4
Peak Torque(N.M)	1.5	2.25	3.0
Rotor Inertia(kg.cm$^{2)}$	3.0	4.0	5.0
Torque Constant(N.m/A)	0.08	0.08	0.08
Torque Constant(V/krpm)	7.5	7.5	7.5
Line-Line Resistance(Ω)	0.4	0.25	0.15
Line-Line Inductance(mH)	0.3	0.25	0.2
Length(mm)	26.3	31.3	36.3
Weight(kg)	0.6	0.8	1.0

Mechanical Dimensions

