

Coreless Motor

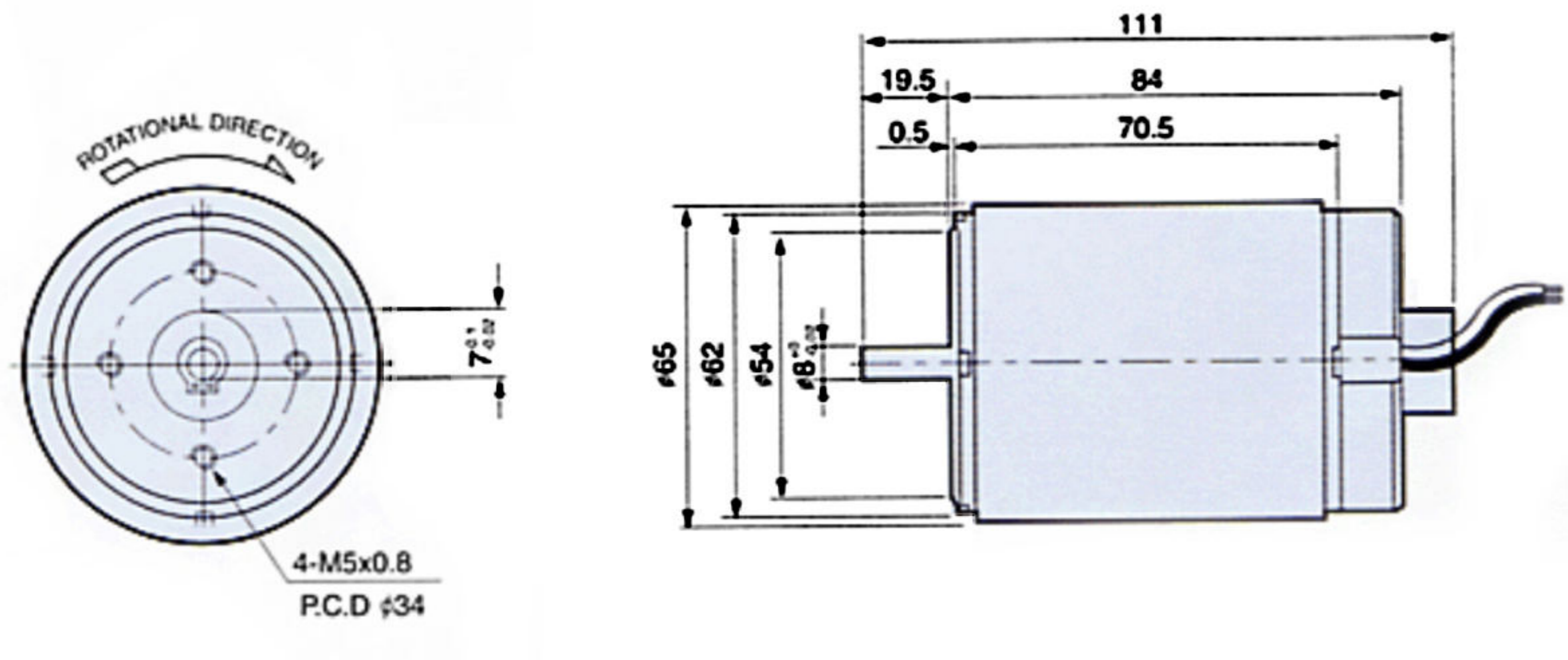
CC065080N4



제품사진



DIMENSION



SPECIFICATION

DC Coreless Motor Series CC065080N4					
Specifications (12 Volt)					
	Model No.	012036	012050	012075	012100
RATED	Voltage(V)	12	12	12	12
	Current(mA)	4000	6000	8000	12000
	Power(W)	36.0	50.0	75.0	100.0
	Speed(rpm)	1100	1500	1800	2400
	Torque(mN*m)	300.0	300.0	400.0	400.0
ELECTRICAL	Maximum Output Power(W)	48.0	64.0	110.0	148.0
	Maximum Efficiency(%)	75	78	80	82
	No Load Speed(rpm)	1400	2000	2200	3000
	No Load Current(mA)	300	300	400	400
	Stall Torque(mN*m)	1200.0	1200.0	1800.0	1800.0
	Torque Constant(mN*m/A)	75.0	57.1	50.0	37.7
	Back EMF Constant(mV/rpm)	8.07	5.95	5.34	3.94
	Terminal Resistance(Ω)	0.80	0.60	0.40	0.30
MECHANICAL	Terminal Inductance(mH)	0.04	0.03	0.025	0.02
	Mechanical Time Const.(ms)	10.7	13.8	12.0	15.8
	Armature Inertia(g*cm ²)	750.0	750.0	750.0	750.0
	Shaft Diameter	ϕ 8	ϕ 8	ϕ 8	ϕ 8
	Bearing Type	Ball Bearing			
	Weight(g)	1140	1140	1140	1140
	Maximum Armature Temperature	120 °C			
	Motor Operating Temperature Range	-20 ~80°C			

Specifications (24 Volt)					
	Model No.	024040	024060	024080	024120
RATED	Voltage(V)	24	24	24	24
	Current(mA)	2500	3600	4500	7000
	Power(W)	40.0	60.0	80.0	120.0
	Speed(rpm)	1300	1500	1900	2300
	Torque(mN*m)	300.0	400.0	400.0	500.0
ELECTRICAL	Maximum Output Power(W)	55.0	80.0	120.0	175.0
	Maximum Efficiency(%)	73	75	78	80
	No Load Speed(rpm)	1700	2000	2400	3000
	No Load Current(mA)	200	250	300	350
	Stall Torque(mN*m)	1200.0	1500.0	1900.0	2200.0
	Torque Constant(mN*m/A)	136.4	115.4	95.2	75.7
	Back EMF Constant(mV/rpm)	13.82	11.67	9.87	7.91
	Terminal Resistance(Ω)	2.60	1.80	1.20	0.90
MECHANICAL	Terminal Inductance(mH)	0.21	0.18	0.15	0.12
	Mechanical Time Const.(ms)	10.5	10.1	9.9	11.8
	Armature Inertia(g*cm ²)	750.0	750.0	750.0	750.0
	Shaft Diameter	ϕ 8	ϕ 8	ϕ 8	ϕ 8
	Bearing Type	Ball Bearing			
	Weight(g)	1140	1140	1140	1140
	Maximum Armature Temperature	120 °C			
	Motor Operating Temperature Range	-20 ~80°C			