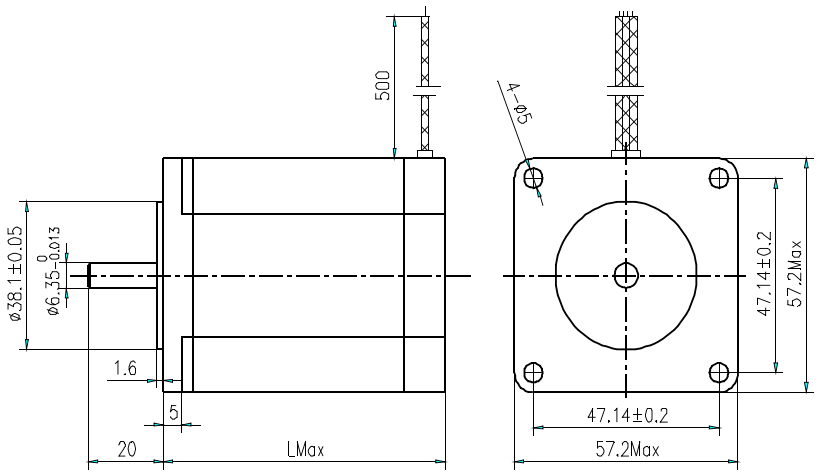
TWO-PHASE HYBRID STEPPER MOTOR
NEMA23 SERIES

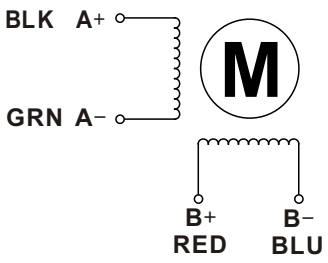
FUYU

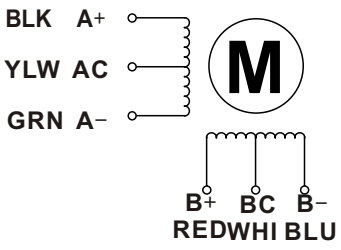
DIMENSIONS AND BASIC DATA



Model	Shaft	Size (mm)	Length (mm)	Current /Phase (A)	Resistance/ Phase (Ω)	Inductance/ Phase （mH）	Holding Torque (Nm)	Rotor Inertia (g. cm²)	Weight （Kg）	No. of Leads
FM5756SSD04	Plain	57	56	2.6	0.9	3.5	0.85	300	0.65	4
FM5756SFD04	Flat Key 0.5x19.5	57	56	2.6	0.9	3.5	0.85	300	0.65	4
FM5756SSD06	Plain	57	56	1.2	1.5	8	0.62	300	0.65	6
FM5756SFD06	Flat Key 0.5x19.5	57	56	1.2	1.5	8	0.62	300	0.65	6
FM5776SSD04	Plain	57	76	2.8	0.9	3.6	1.85	300	1	4
FM5776SFD04	Flat Key 0.5x19.5	57	76	2.8	0.9	3.6	1.85	300	1	4
FM5776SSD06	Plain	57	76	2	2.3	10.5	1.85	300	1	6
FM5776SFD06	Flat Key 0.5x19.5	57	76	2.0	2.3	10.5	1.85	300	1	6

WIRING DIAGRAM





TECHNICAL DATA

Full step angle	1.8°	Insulation Grade	Class B
Angular accuracy	±5% of one full step, no-load no-cumulative	Dialectic strength	No sparkover for 1Min. @ 500V ac
Radial clearance	0.02mm Max (450g Load)	Temperature rise	80℃ Max(Rated Current)
Axial clearance	0.08mm Max (450g Load)	Operating temperature	0 ~ 50℃
Resistance accuracy	±10%	Storage temperature	-30 ℃~80℃
Inductance accuracy	±20%	Radial load	75N Max(20mm from Flange Face)
Insulation resistance	500MΩ @ 500V dc	Axial load	15N Max