

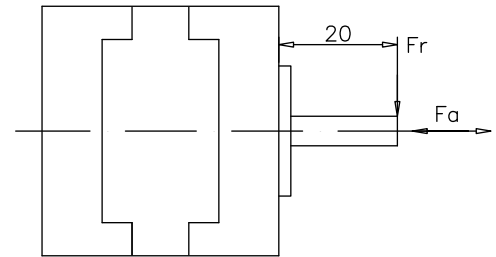
Stepper Motor General Information

1. Basic Parameters

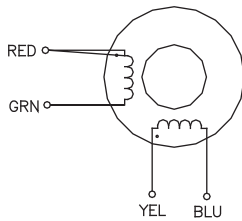
- Step Angle Accuracy: $\pm 5\%$
- Temperature Rise: 80°C Max
- Ambient Temperature: $-20^{\circ}\text{C}\sim+50^{\circ}\text{C}$
- Insulation Resistance: $100\text{M}\ \Omega$ Min.
- Dielectric Strength: 500VAC , 1S , 2mA
- Insulation Class: B

2. Max. Axial Force And Radial Force

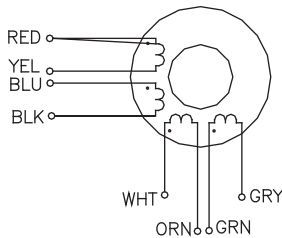
Item	Fr (N)	Fa (N)
Distance from the flange (mm)	20	
MP020 Shaft $\phi 5\text{mm}$	8	4
MP039;MP042 Shaft $\phi 5\text{mm}$	20	7
MP057 Shaft $\phi 6.35\text{mm}$	52	10
MP057 Shaft $\phi 8\text{mm}$	63	14
MP086 Shaft $\phi 9.5\text{mm}$	10	25
MP086 Shaft $\phi 14\text{mm}$	200	25
MP110 Shaft $\phi 19.05\text{mm}$	240	80



3. Mode Of Connection



4 LEAD WIRING DIAGRAM				
LEAD WIRE COLOR	RED	ORANGE	YELLOW	BLUE
BIPOLAR DRIVE	A	A/	B	B/



6 LEAD WIRING DIAGRAM							
LEAD WIRE COLOR		RED	WHITE	GREEN	YELLOW	BLACK	BLUE
BIPOLAR DRIVE	PARRALLEL CONNECTION	A	A/	N/C	B	B/	N/C
	SERIES CONNECTION	A	N/C	A/	B	N/C	B/
UNIPOLAR DRIVE		A	COM	B	C	COM	D

8 LEAD WIRING DIAGRAM									
LEAD WIRE COLOR		RED	BLUE	YELLOW	BLACK	WHITE	GREEN	ORANGE	GRAY
BIPOLAR DRIVE	PARRALLEL CONNECTION	A		A/		B		B/	
	SERIES CONNECTION	A			A/	B			B/
UNIPOLAR DRIVE		A	COM		B	C	COM		D