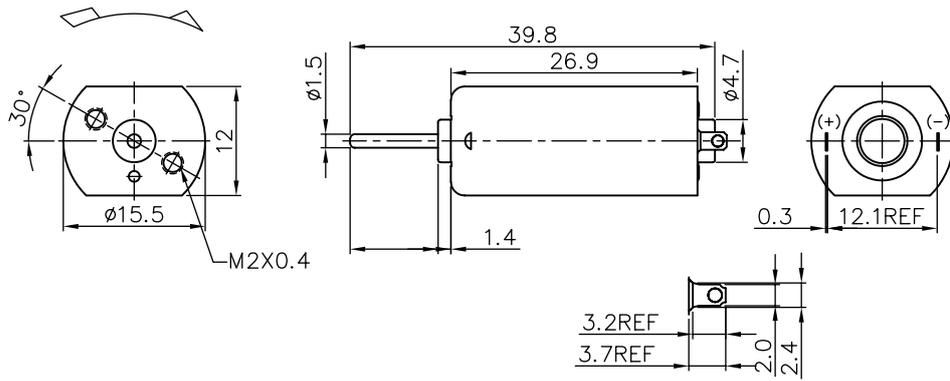


FF050S series Ø15.5 mm 0.1-0.6 W

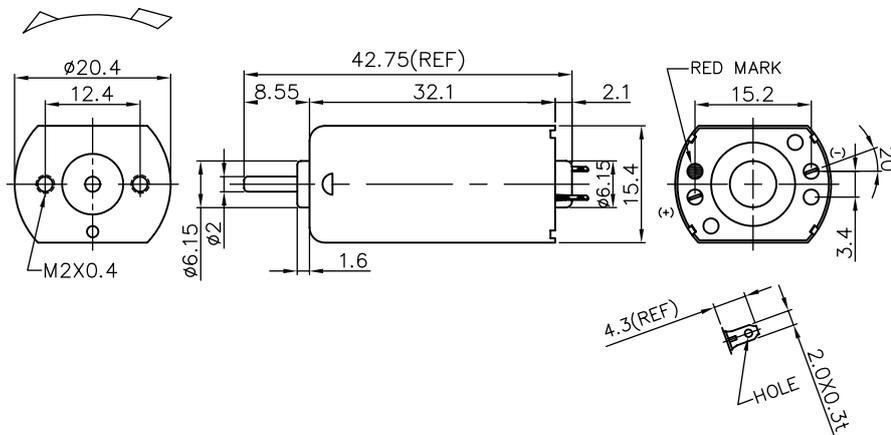


Model - - -
 Carbon brush = C V = Varistor
 Metal brush = M C = Capacitor

MOTOR DATA

Part name	FF-050S-13130-MV	FF-050S-11170-MV	FF-050S-09250-MV	FF-050S-06350-MV
Diameter (mm)	15.5	15.5	15.5	15.5
Length (mm)	26.9	26.9	26.9	26.9
Nominal voltage (V)	2	7	8	12
Nominal speed (rpm)	3000	8500	6300	5544
Nominal torque (mNm)	0.3	0.7	0.7	0.7
Nominal current A	0.1	0.2	0.1	0.1
No load speed (rpm)	3700	10300	7900	8000
No load current A	0.04	0.05	0.03	0.03
Stall torque (mNm)	1.7	4.5	3.4	2.6
Starting current (A)	0.5	0.8	0.4	0.4
Output (W)	0.1	0.6	0.4	0.4
Efficiency (%)	42	51	51	42
Operating temperature deg. C	-10..+60	-10..+60	-10..+60	-10..+60

FF-180SH series Ø20.4 mm 0.8-1.3 W



Model - - -
 Carbon brush = C V = Varistor
 Metal brush = M C = Capacitor

MOTOR DATA

Part name	FF-180SH-22100T-MV	FF-180SH-12250T-MV
Diameter (mm)	20.4	20.4
Length (mm)	32.1	32.1
Nominal voltage (V)	3	12
Nominal speed (rpm)	4100	7000
Nominal torque (mNm)	1.8	1.8
Nominal current A	0.4	0.2
No load speed (rpm)	5200	8000
No load current A	0.10	0.05
Stall torque (mNm)	9.7	12.1
Starting current (A)	1.9	1.0
Output (W)	0.8	1.3
Efficiency (%)	58	64
Operating temperature deg. C	-10..+60	-10..+60