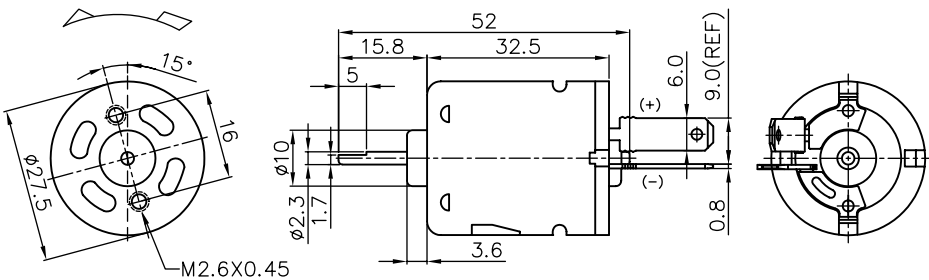


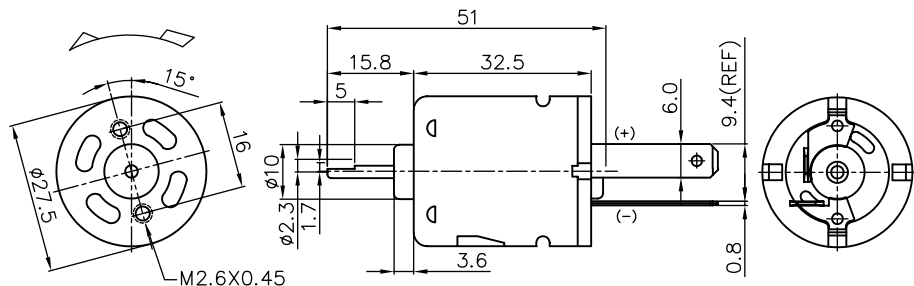
M_5-AA series Ø27.5 mm 10-21 W



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

MOTOR DATA				
Part name	MD5-2554AS-AA-C	MD5-2450AS-AA-C	MD5-15120AS-AA-CV	MD5-1980AS-AA-CV
Diameter (mm)	27.5	27.5	27.5	27.5
Lenth (mm)	32.5	32.5	32.5	32.5
Nominal voltage (V)	12	12	24	24
Nominal speed (rpm)	17000	17200	15100	22600
Nominal torque (mNm)	7.2	7.6	6.5	8.7
Nominal current A	1.7	2.0	0.7	1.4
No load speed (rpm)	20800	22000	18800	27000
No load current A	0.55	0.60	0.24	0.40
Stall torque (mNm)	39.2	35.3	33.3	46.1
Starting current (A)	7.7	7.4	2.9	5.9
Output (W)	13	14	10	21
Efficiency (%)	62	56	62	61
Operating temperature deg. C	-10...+60	-10...+60	-10...+60	-10...+60

M_5-BB series Ø27.5 mm 4.2-12 W



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

MOTOR DATA				
Part name	MD5-2445AS-BB-C	MD5-2554AS-BB-C		
Diameter (mm)	27.5	27.5		
Lenth (mm)	32.5	32.5		
Nominal voltage (V)	6	12		
Nominal speed (rpm)	9300	17000		
Nominal torque (mNm)	4.4	7.2		
Nominal current A	1.4	1.7		
No load speed (rpm)	12000	20800		
No load current A	0.55	0.55		
Stall torque (mNm)	19.6	39.2		
Starting current (A)	4.6	7.7		
Output (W)	4.2	12		
Efficiency (%)	50	62		
Operating temperature deg. C	-10...+60	-10...+60		