

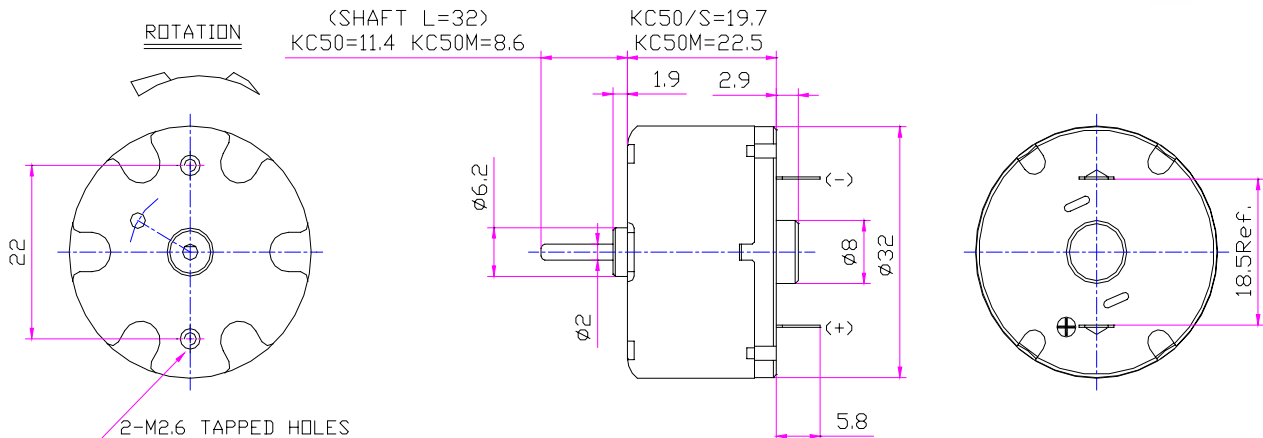


**KINDLY  
MOTOR**

PMDC Carbon Brush  
Motor

**KC50/ KC50M  
Series**

Bearings            Sleeve  
Number of poles    3  
EMC Suppression   Internal Disk Varistor (optional)  
Standard Shaft (L) 28, 30, 32, 35, 38, 42



UNIT: mm

Model	Voltage		No Load		At Maximum Efficiency					Stall	
	Operating Voltage	Nominal (Constant)	Speed rpm	Current A.	Speed rpm	Current A.	Torque g-cm	Output W	Eff. %	Torque g-cm	Current A.
KC50-22180	1.5-9.0	3.0	4320	0.090	3502	0.385	17.4	0.63	54.1	92	1.650
KC50S-18235	3.0-14.5	6.0	5000	0.110	3947	0.426	32.8	1.34	52.4	160	1.650
KC50S-18235	3.0-14.5	12.0	10100	0.135	8379	0.657	54.5	4.69	59.4	320	3.200
KC50S-12500	4.5-30.0	12.0	4900	0.040	3988	0.175	29.8	1.22	58.0	160	0.765
KC50S-12500	4.5-30.0	24.0	9900	0.055	8331	0.292	52.3	4.47	63.8	330	1.550
KC50-11650	4.5-30.0	24.0	9800	0.050	7840	0.200	33.0	2.65	55.3	165	0.800
KC50S-08780	6.0-30.0	24.0	6200	0.035	4865	0.128	31.2	1.56	50.9	145	0.465
KC50M-24160	1.5-7.2	6.0	7000	0.110	5988	0.651	40.5	2.49	63.7	280	3.850
KC50M-20260	3.0-15.0	12.0	8600	0.085	7411	0.530	53.9	4.10	64.5	390	3.200
KC50M-18330	3.0-30.0	6.0	3450	0.055	2795	0.235	27.6	0.79	56.1	145	1.000
KC50M-18330	3.0-30.0	12.0	6700	0.065	5666	0.356	46.3	2.69	63.0	300	1.950
KC50M-12660	6.0-30.0	12.0	3350	0.030	2685	0.121	28.8	0.79	54.4	145	0.450
KC50M-12660	6.0-30.0	24.0	6750	0.035	5663	0.182	47.5	2.76	63.0	295	0.950
KC50M-071000	9.0-30.0	12.0	2050	0.018	1535	0.054	18.8	0.30	46.1	75	0.160
KC50M-071000	9.0-30.0	24.0	4200	0.020	3360	0.080	31.2	1.08	56.0	156	0.320
General Test Tolerance			±15%								

**Typical Application:** Vending Machines, Radio Control Models, Power Tools, Gear Boxes and More...