

Housing ϕ 20mm DC Brush Motor xFF-180/ xFK-180

OUTPUT : 2.5W~15W (APPROX)

BRUSH TYPE : 貴金属ブラシ /Precious Metal Brush Motor(FF-180)

: カーボンブラシ /Graphite Metal Brush Motor(FK-180)

WEIGHT(APPROX) : 33g(FF-180)/24g(FK-180)

代表的用途 /Typical Application

オーディオ関連機器 /
家電機器全般 /

Audio&Visual Equipment /
Household App /

Motor Parameter

No.	Standard Model No.	Product No.	Outline Size			Rated Voltage	No Load		at Max Efficiency				at Stall			
			Motor OD	Housing Length	Shaft OD		No Load Speed	No Load Current	Rated Speed	Rated Current	Rated Torque		Output	Starting Torque		Starting Current
			(mm)	(mm)	(mm)		(rpm)	(A)	(rpm)	(A)	(mN·m)	(g·cm)	(W)	(mN·m)	(g·cm)	(A)
Typical Grade xFK-180																
117	DC-TFK-180SH	10400	20.4	32.1	2.0	24.0	10181	0.03	8484	0.15	2.77	28.30	2.46	16.67	170.00	0.75
118	DC-TFK-180SH	3729			2.0	1.2	6968	0.28	5375	0.94	1.12	11.40	0.63	4.90	50.00	3.20
119	DC-TFK-180PH	2848			2.0	7.2	24530	0.45	20592	2.33	5.34	54.50	11.54	33.32	340.00	12.20
120	DC-TFK-180PH	4539			2.0	7.4	31000	0.62	26293	3.45	6.56	67.00	18.10	43.12	440.00	19.20
121	DC-TFK-180PH	29200			2.0	7.2	29200	0.52	24669	3.37	6.68	68.25	17.29	43.12	440.00	18.40
122	DC-QFK-180NH	40029			2.0	4.8	23000	0.75	18500	3.08	4.17	42.56	8.08	21.29	217.20	12.63
Typical Grade xFF-180																
123	DC-QFF-180SHV	10320	20.4	32.1	2.0	3.0	2900	0.02	2300	0.07	0.44	4.46	0.11	2.18	22.20	0.27
124	DC-QFF-180SHV	14200			2.0	3.0	3500	0.02	2800	0.09	0.51	5.17	0.15	2.64	26.90	0.39
125	DC-QFF-180SHV	16130			2.0	1.9	3500	0.03	2700	0.12	0.36	3.64	0.10	1.65	16.80	0.42
126	DC-TFF-180SA	2855		32.2	2.0	2.4	7480	0.15	6291	0.79	1.86	19.00	1.23	11.76	120.00	4.50
127	DC-TFF-180SA	3080			2.0	3.0	9560	0.19	8017	0.98	2.45	25.00	2.06	15.19	155.00	5.10

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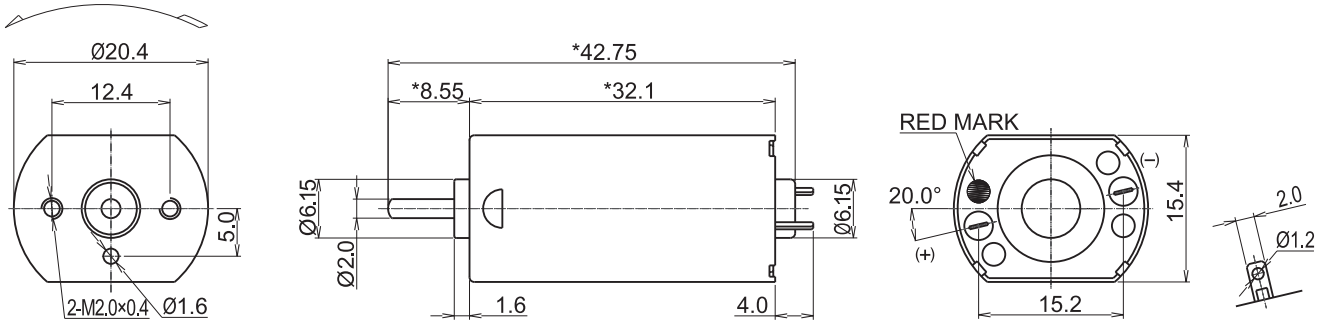
HP / <http://www.jmi-motion.com>

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OUTLINE

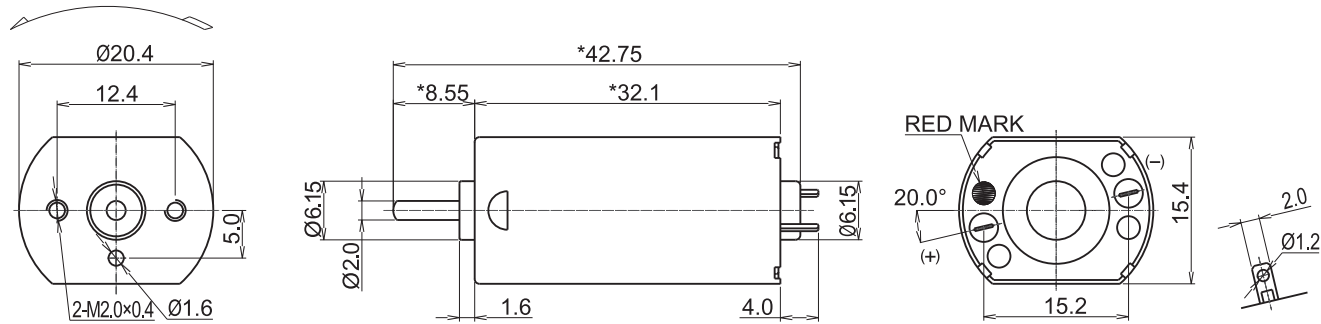
DC-QFF-180SHV

DIRECTION OF ROTATION



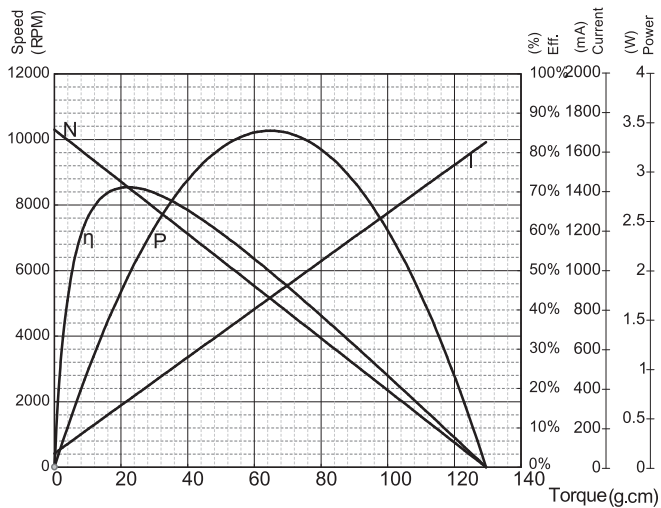
DC-QFK-180NH

DIRECTION OF ROTATION



Typical Performance

DC-QFF-180SHV-16130(8V)



DC-QFK-180NH-40029(4.8V)

