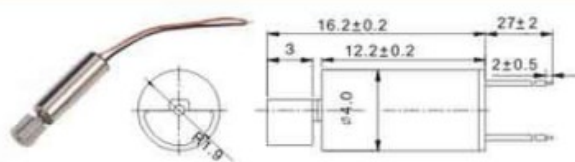


Vibration Motors coreless Φ4 Φ6 Φ7

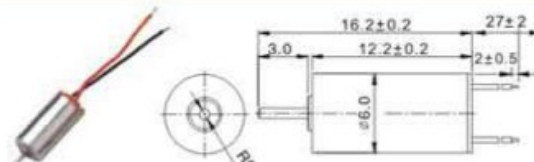


型号	额定电压	起动电压	使用电压范围	起动电流	额定电流	回转数	耐电压	机械噪音①	动转寿命②
MODEL	Rated voltage	Starting voltage	Operating voltage	Starting current	Rated load current	Rated load speed	Voltage resistance	Mechanical noise	Operation life
	V(DC)	V(DC)	V(DC)	mA	mA	rpm	V(DC)	db	(Cycle)
4CL	1.3	≤ 0.7	0.7~1.6	≤ 150	75	9000 ± 1500	250	<50	≥ 20000
6A	1.3	≤ 0.8	1.0~1.9	≤ 150	65	19850 ± 1500	250	<50	≥ 20000
6CL	1.3	≤ 0.7	0.7~1.6	≤ 150	75	8000 ± 1500	250	<50	≥ 20000
6DH	1.3	≤ 0.7	0.7~1.6	≤ 150	75	8000 ± 1500	250	<50	≥ 20000
6SL	1.3	≤ 0.7	0.7~1.6	≤ 150	75	8000 ± 1500	250	<50	≥ 20000
6DL	1.3	≤ 0.8	0.8~1.6	≤ 150	90	9000 ± 1500	250	<50	≥ 20000
7AL	1.3	≤ 0.7	0.7~1.6	≤ 150	75	7000 ± 1500	250	<50	≥ 20000
12B	3.0	≤ 1.5	1.6~3.6	≤ 150	75	7200 ± 1500	250	<50	≥ 20000



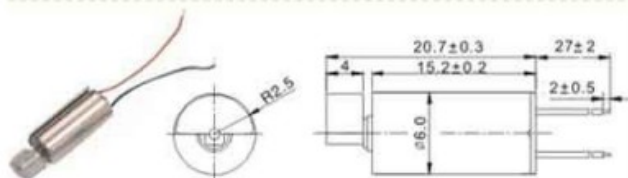
WEIGHT:2.1g(APPROX)

4CL



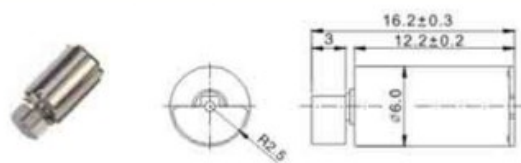
WEIGHT:1.3g(APPROX)

6A



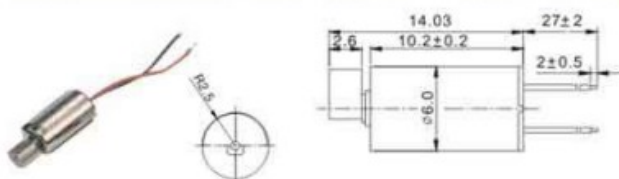
WEIGHT:3.3g(APPROX)

6CL



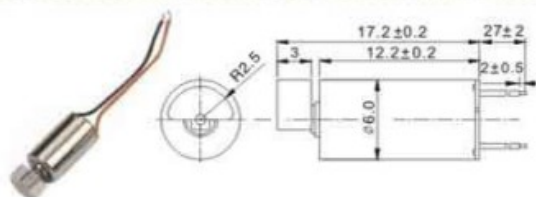
WEIGHT:2.7g(APPROX)

6DH



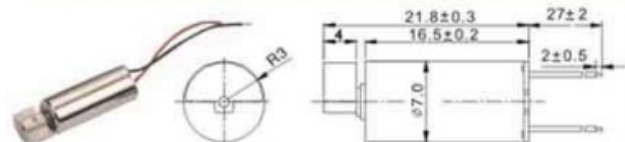
WEIGHT:1.7g(APPROX)

6SL



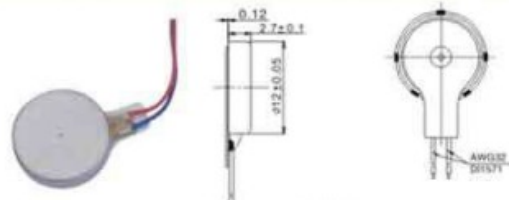
WEIGHT:2.7g(APPROX)

6DL



WEIGHT:3.5g(APPROX)

7AL



WEIGHT:2.7g(APPROX)

12B



MD-130H DC Motor

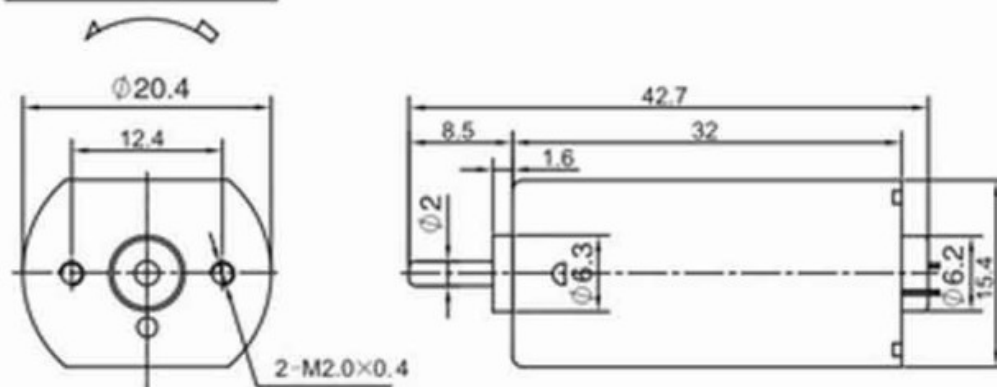
MAX
MAX-MOTOR

Main Voltage: 3V 4.5V 6V

Typical Application: Car lamp rotator, Electric Tooth brush
Car door lock, office Equipments etc.

Motor Drawing

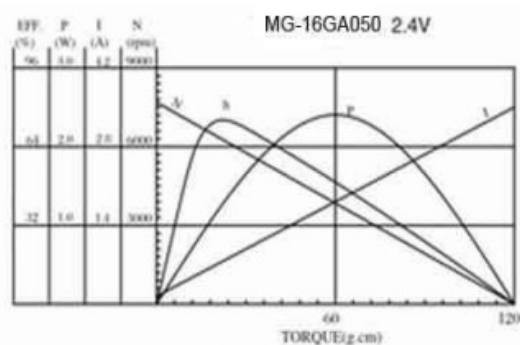
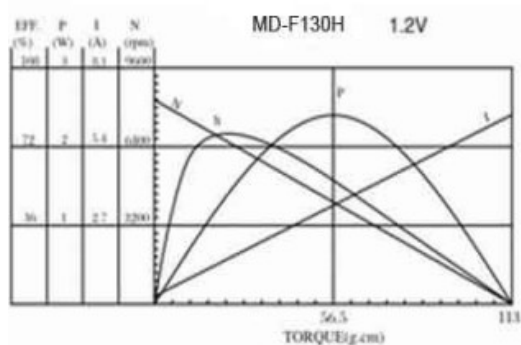
DIRECTION OF ROTATION



WEIGHT: 28.0g (APPROX)

Motor data:

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY					STALL		
	OPERATING RANGE	RATED	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT		TORQUE	CURRENT	
	V	V	rpm	A	rpm	A	g.cm	mN.m	W	g.cm	mN.m	A
MD-F130H	1.0~1.5	1.2	8300	0.34	6760	1.49	20	1.96	1.38	113	11.1	6.6
MD-F130H	1~3	2.4	7700	0.17	6310	0.77	21	2.05	1.39	120	11.7	3.5





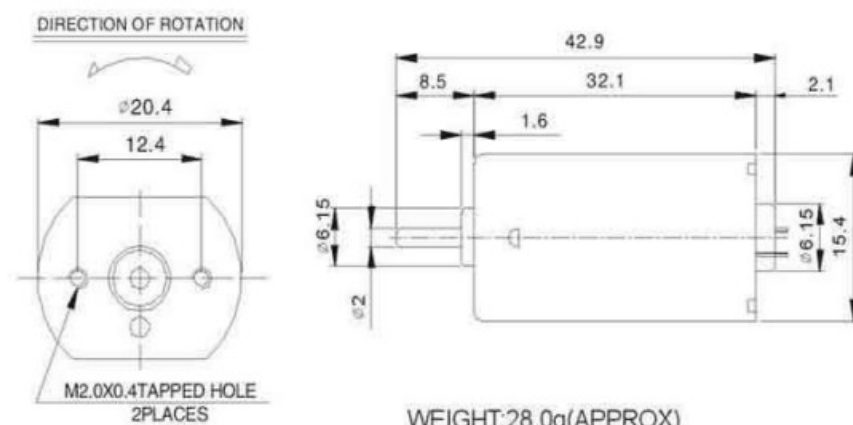
MD-F180H DC Motor

MAX
MAX-MOTOR

Main Voltage: 3V 4.5V 6V

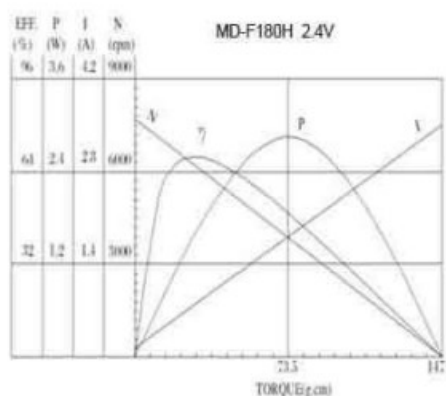
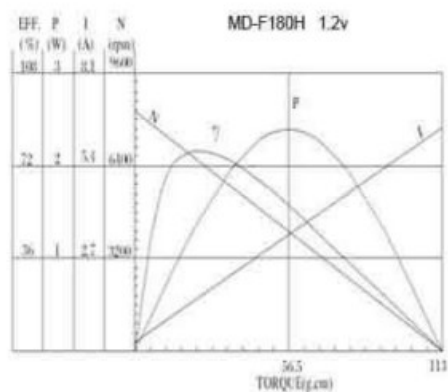
Typical Application: CAR lamp rotator, Electric Tooth brush
Car door lock , office equipments etc

Motor Drawing



Motor data:

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY					STALL		
	OPERATING RANGE	RATED	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE		CURRENT
	V	V	rpm	A	rpm	A	g.cm	mNm	W	g.cm	mNm	A
MD-F180H	1.0 ~1.5	1.2	3300	0.34	6900	1.43	19	1.86	1.3	113	11.3	6.5
MD-F180H	1~3	2.4	7200	0.17	6200	0.77	19	1.86	1.3	147	14.4	3.5





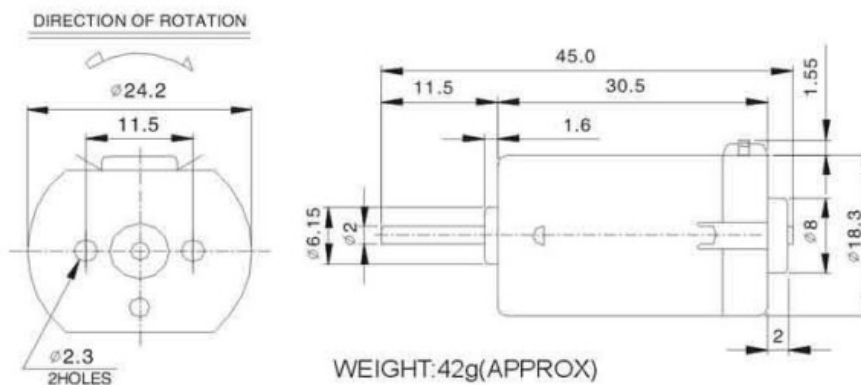
MD-F280 DC Motor

MAX
MAX-MOTOR

Main Voltage: 3V 4.5V 6V

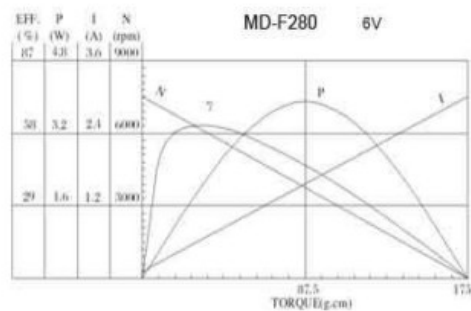
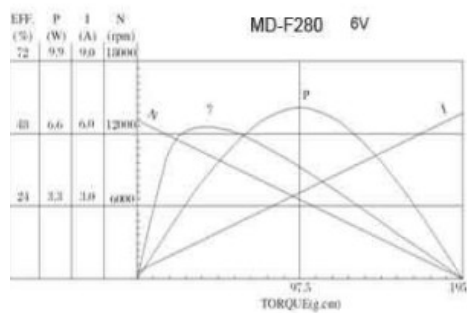
Typical Application: Car lamp rotator, Electric Tooth brush
Car door lock, office Equipments etc.

Motor Drawing



Motor data:

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY					STALL		
	OPERATING RANGE	RATED	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE		CURRENT
	V	V	rpm	A	rpm	A	g.cm	mN.m	W	g.cm	mN.m	A
MD-F280	5~7	6	15250	0.348	12440	1.54	35.9	3.52	4.6	195	19.1	6.84
MD-F280	3~6	6	7900	0.085	6600	0.51	27	2.64	1.83	175	17.2	2.85





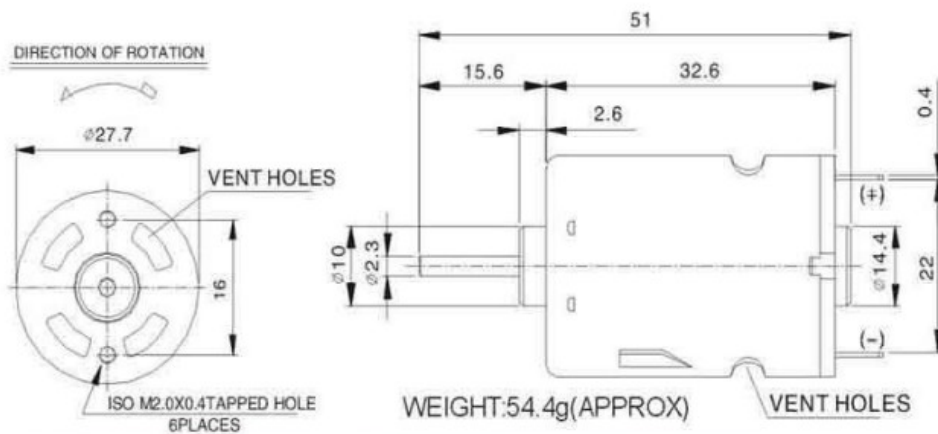
MD-RS360/5 DC Motor

MAX
MAX-MOTOR

Main Voltage: 4.5V 6V 12v 18v 24v

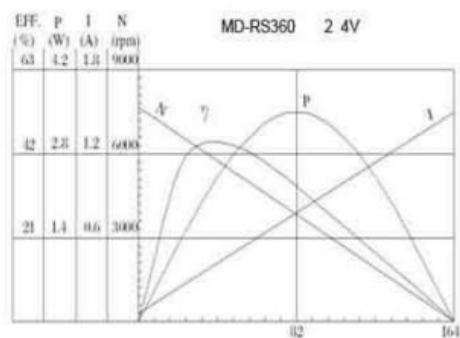
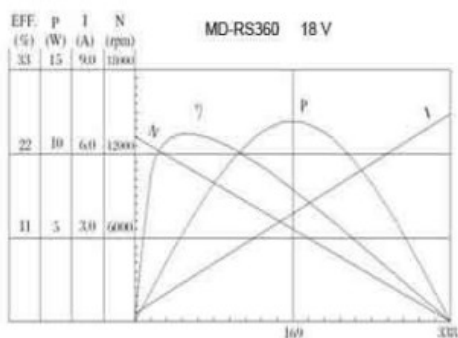
Typical Application: Hair dryer, water pump, USB vacuum cleaner, home appliance, etc.

Motor Drawing



Motor data:

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY					STALL		
	OPERATING RANGE	RATED	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE		CURRENT
	V	V	rpm	A	rpm	A	g.cm	mNm	W	g.cm	mNm	A
MD-RS360	6~20	18	13150	0.22	11200	1.3	50	1.9	3.9	338	33.1	7.8
MD-RS360	12~24	24	9300	0.072	7600	0.32	51	5.0	4.0	280	27.44	1.5
MD-RS360	12~24	12	7700	0.11	6000	0.11	35	3.1	2.2	164	16.1	1.5
MD-RS360	6~20	18	27500	0.16	23000	2.4	105	10.3	24.8	644	63.1	12.6





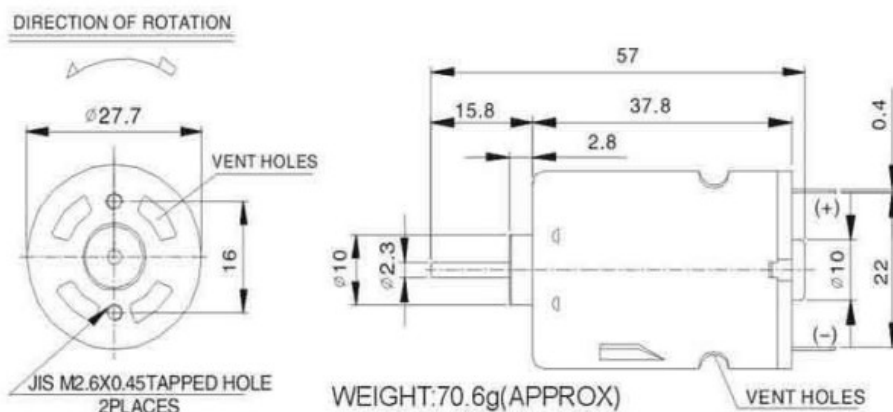
MD-RS380/5 DC Motor

MAX
MAX - MOTOR

Main Voltage: 4.5V 6V 12v 18v 24v

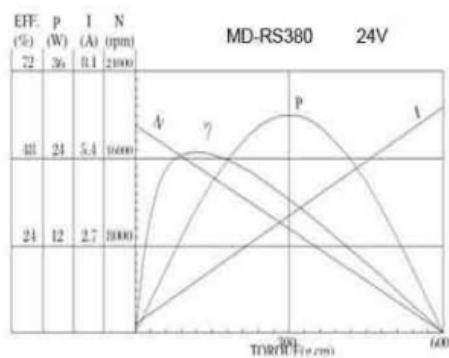
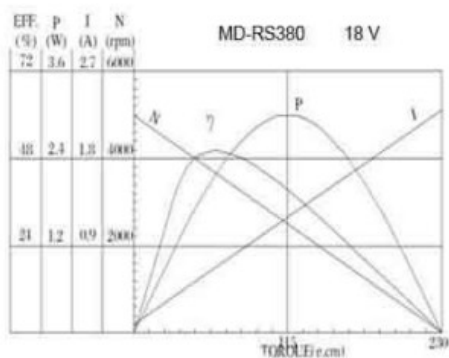
Typical Application: Hair dryer, water pump, USB vacuum cleaner, home appliance, etc.

Motor Drawing



Motor data:

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY					STALL		
	OPERATING RANGE	RATED	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE		CURRENT
	V	V	rpm	A	rpm	A	g.cm	mN.m	W	g.cm	mN.m	A
MD-RS380	3-9	6	5000	0.23	3900	0.72	55.5	5.4	2.2	230	22.5	2.3
MD-RS380	6-24	12	4500	0.13	3200	0.3	36	3.5	1.2	120	11.7	0.7
MD-RS380	6-24	12	27500	0.04	23250	1.6	92.6	9.0	22.5	600	58.3	25.2
MD-RS380	12-24	24	19000	0.25	15900	1.3	95.3	9.3	16	600	58.3	7





MD-RS540/5 DC Motor

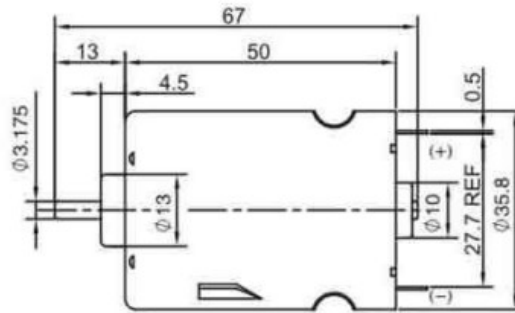
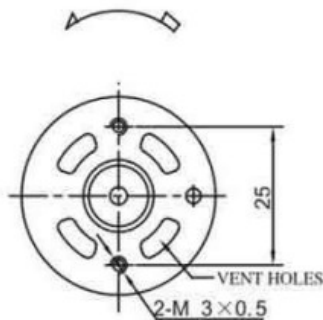
MAX
MAX – MOTOR

Main Voltage: 4.5V 6V 12v 18v 24v

Typical Application: Hair dryer, water pump, USB vacuum cleaner, home appliance, Massager, etc.

Motor Drawing

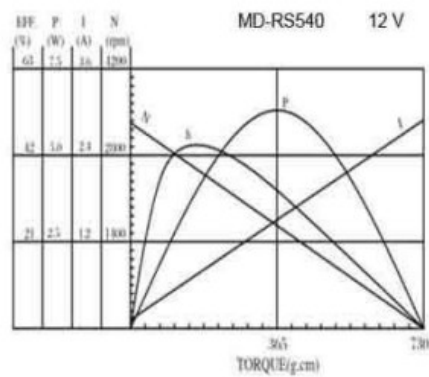
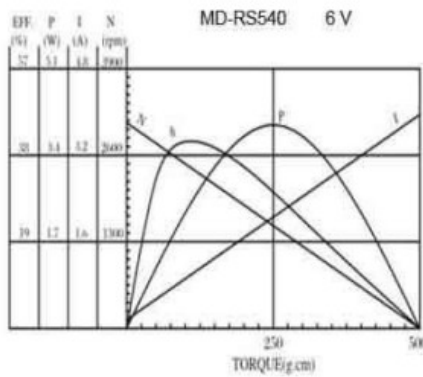
DIRECTION OF ROTATION



WEIGHT:160g(APPROX)

Motor data:

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY					STALL		
	OPERATING RANGE	RATED	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT		TORQUE	CURRENT	
	V	V	rpm	A	rpm	A	g.cm	mN.m	W	g.cm	mN.m	A
MD-RS540H	4.5-15	6	3100	0.27	2470	1.1	101	9.9	2.6	500	49	4.2
MD-RS540H	12-24	12	3300	0.22	2500	0.8	150	15.5	4.2	730	70.8	2.9





MD-RS550/5PH DC Motor

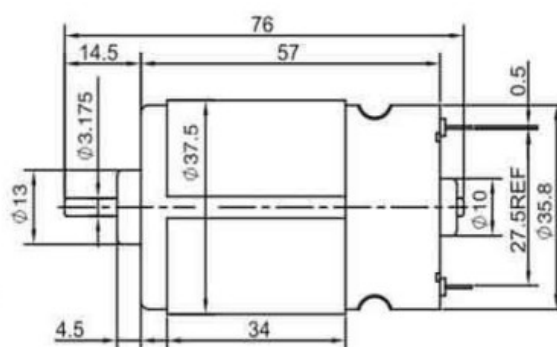
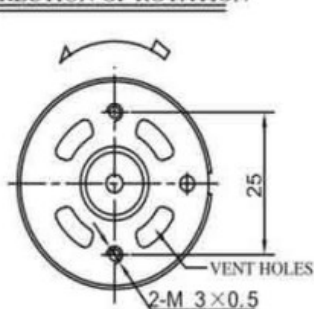
MAX
MAX-MOTOR

Main Voltage: 6V 12v 18v 24v

Typical Application: Hair clipper, power tool, vacuum cleaner, home appliance, Massager, etc.

Motor Drawing

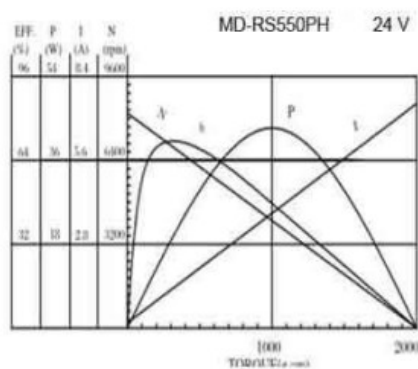
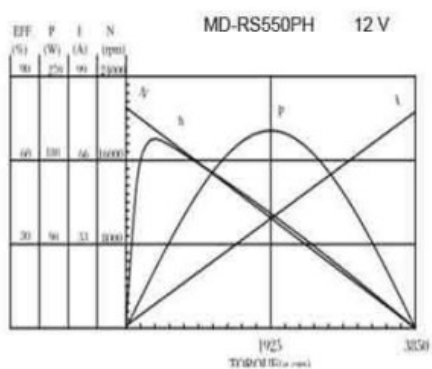
DIRECTION OF ROTATION



WEIGHT:209.7g(APPROX)

Motor data:

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL			
	OPERATING RANGE	RATED	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE		CURRENT
	V	V	rpm	A	rpm	A	g.cm	mN.m	W	g.cm	mN.m	A
MD-RS550PH	6-15	12	21000	1.0	18600	10.5	423	41.4	81.2	3050	377.4	85
MD-RS550PH	12-24	24	8200	0.18	7100	1.161	268	26.27	19.53	2000	196	7.5





MD-RS750/5PH DC Motor

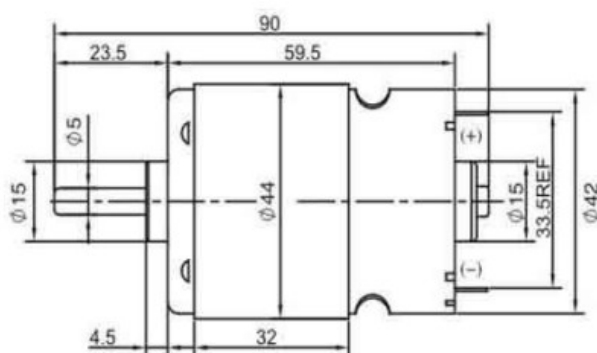
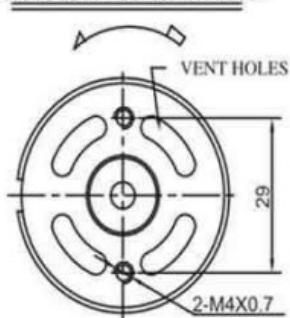
MAX
MAX – MOTOR

Main Voltage: 6V 12v 18v 24v

Typical Application: Garden tool, power tools, vacuum cleaner, driller, blender, Massager ,etc.

Motor Drawing

DIRECTION OF ROTATION



WEIGHT:253.3g(APPROX)

Motor data:

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL		
	OPERATING RANGE	RATED	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	TORQUE	CURRENT	
	V	V	rpm	A	rpm	A	g.cm mN.m	W	g.cm mN.m	A	
MD-RS750PH	3~10	6	13200	1.95	11400	12.5	470 46	54.8	3470 340	80	
MD-RS750PH	8.4~24	12	6500	0.50	5400	2.5	337 33	18.8	2060 201.9	13	

