



Weight: 42g (approx.)

D32mm*L19.5mm DC Motor

Model No.:KLS23-DBM24-RF/RK-500TB

- 1 Typical Applications:**
- Spray Machine
 - Soap Dispenser
 - Fire Alarm
 - CD/DVD Drive

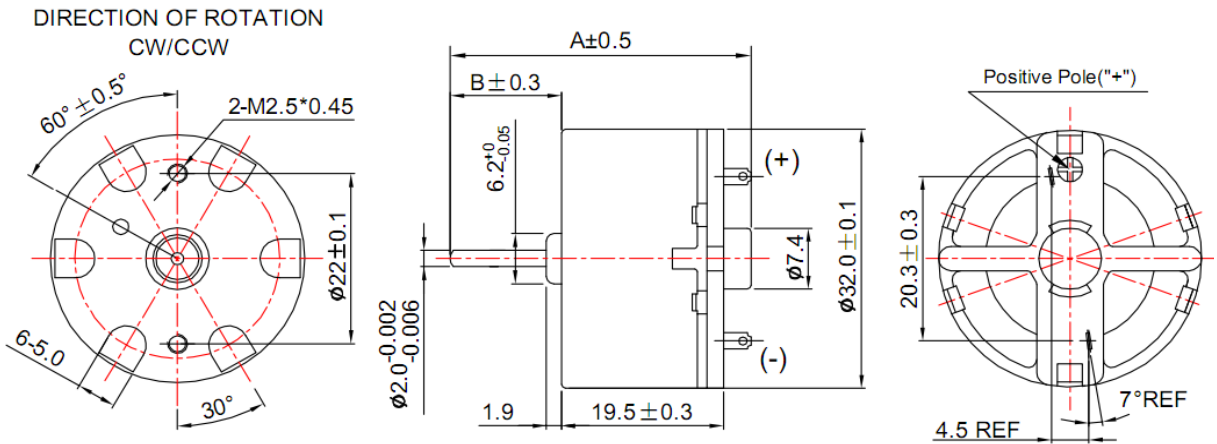
2 KEY FEATURES

- Plastic End Cap
- Oil-impregnated Bearing
- Precision Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

3 DIMENSIONS(MM)

Customization:

- 1.Length A, B
- 2.Technical Data
- 3.Varistor for option



4 TECHNICAL DATA

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL				
	OPERATING	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	TORQUE	CURRENT			
	RANGE	V	r/min	A	r/min	A	mNm	g.cm	W	mNm	g.cm	A	
RF-500TB	07800	2.0-4.0	3	1300	0.007	1000	0.02	0.24	2.5	0.02	0.91	9.3	0.053
	17280	2.0-4.0	3	2700	0.03	2297	0.13	1.12	11.4	0.28	6.7	68.4	0.66
	18250	2.0-4.0	3	3100	0.03	2679	0.14	0.98	10	0.29	6.86	58.4	0.54

Remarks

1. All values approximate.
2. Customized electric performance on request by using suitable windings.
3. Available with required cables and accessories after evaluation.



Weight: 55g (approx.)

D32mm*L22.7mm DC Motor

Model No.:KLS23-DBM24-RF/RK-520TB

- 1 Typical Applications:**
- Spray Machine
 - Soap Dispenser
 - Fire Alarm
 - CD/DVD Drive

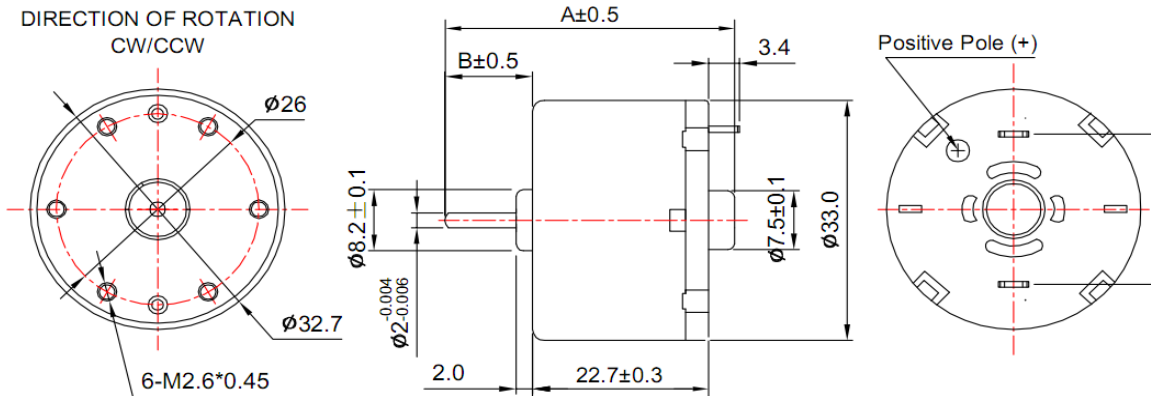
2 KEY FEATURES

- Plastic End Cap
- Oil-impregnated Bearing
- Precision Metal Brush/Carbon Brush
- Carbon Steel/Stainless Steel Shaft

3 DIMENSIONS(MM)

Customization:

- a.Length A, B
- b.Technical Data
- c.Varistor for option



4 TECHNICAL DATA

MODEL		VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL			
		OPERATING RANGE	NOMINAL V	SPEED r/min	CURRENT A	SPEED r/min	CURRENT A	TORQUE mNm	TORQUE g.cm	OUTPUT W	TORQUE mNm	TORQUE g.cm	CURRENT A
RF-520TB	17360	6.0-12.0	12	6300	0.03	5406	0.18	2.98	30.4	1.76	21.9	223.5	1.17
	20230	3.0-6.0	6	5000	0.04	4500	0.16	1.96	20	0.92	20.5	210	2.2
RK-520TB	17380	6.0-12.0	12	6000	0.03	5200	0.17	2.94	30	1.6	24.5	250	1.5

Remarks

1. All values approximate.
2. Customized electric performance on request by using suitable windings.
3. Available with required cables and accessories after evaluation.



Weight: ~102g (approx.)

Dia35.8mm*L32.5mm DC Micro Motor

Model No.:KLS23-DBM24-RS-520SH

1 Typical Applications:

- Dispenser
- RC Model
- Robot
- Toy

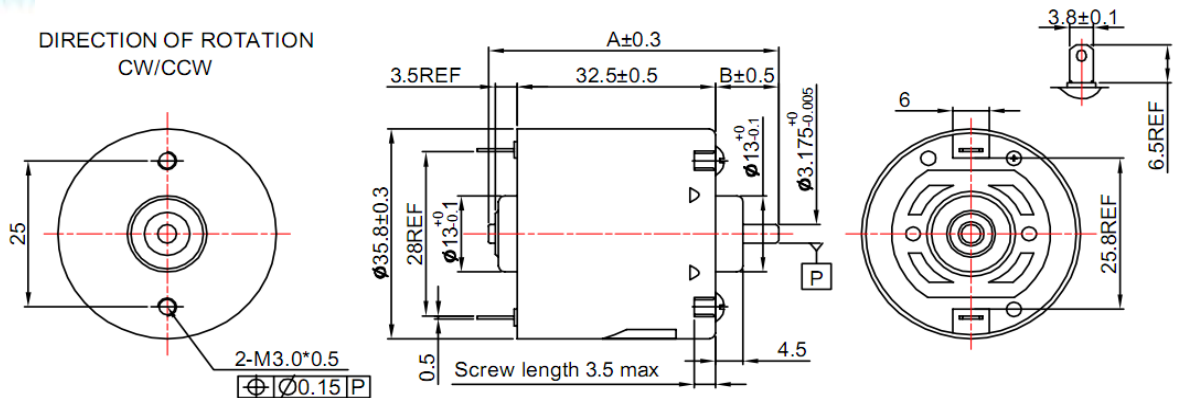
2 KEY FEATURES

- Metal End Cap
- Class F Magnet Wire
- Leaf Brush System
- Carbon Steel Shaft
- Reversible
- Low Noise
- RoHS Compliant

3 DIMENSIONS(MM)

Customization:

- a.Length A, B
- b.Technical Data
- c.EMC/EMI Suppression



4 TECHNICAL DATA

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL				
	OPERATING RANGE	NOMINAL V	SPEED r/min	CURRENT A	SPEED r/min	CURRENT A	TORQUE mNm	OUTPUT W	TORQUE mNm	CURRENT A			
							g.cm		g.cm				
RS-520SH	14230	3.0-6.0	5	2000	0.18	1350	0.38	3.6	36.72	0.5	10.98	112	0.78

Remarks

1. All values approximate.
2. Customized electric performance on request by using suitable windings.
3. Available with required cables and accessories after evaluation.