



Weight: 29g (approx.)

Dia 24.4mm DC Pancake Motor

Model No.:KLS23-DBM15-RF-310/320CA

- 1 Typical Applications:**
- Vending Machine
 - CD/ DVD Player
 - RC Model/Toy
 - Massager

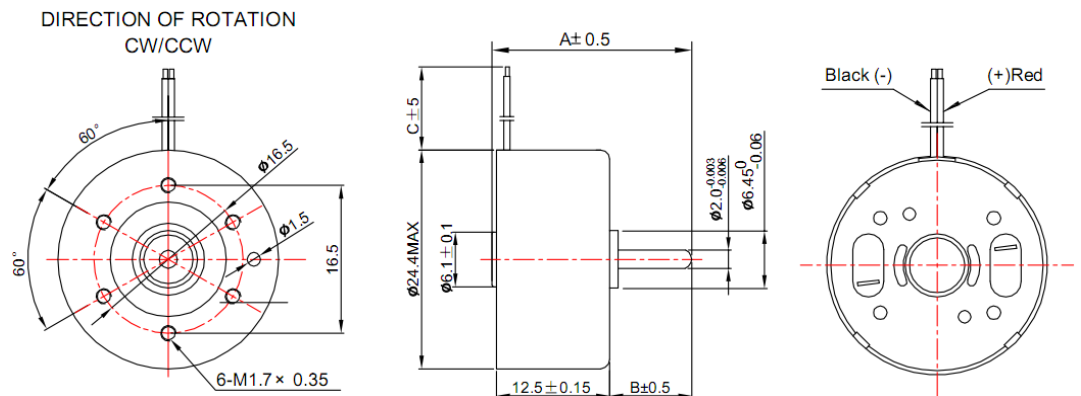
2 KEY FEATURES

- Metal End Cap
- Stainless Steel Shaft
- Permanent Magnet
- Precision Metal/Carbon Brush

3 DIMENSIONS(MM)

Customization:

- a.Length A, B
- b.Technical Data
- c.Varistor for option
- d.Terminals 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-310CA	10552	1.5-12.0	12	8500	0.02	7800	0.05	0.49	5	0.4	6.37	65	0.61
	11380	1.5-6.0	6	6080	0.03	4600	0.13	0.98	10	0.47	4.1	42	0.54
RF-320CA	11470	3.5-5.5	4.5	3600	0.015	2941	0.07	0.58	5.9	0.17	3.1	31.6	0.29
	17195	1.0-4.0	3	5800	0.04	5000	0.14	0.49	5	0.26	4.41	45	1.1

Remarks

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



Weight: 22g (approx.)

Dia 24.4mm DC Pancake Motor

Model No.:KLS23-DBM15-RF-300CA

1 Typical Applications:

CD/DVD-ROM Drive
 Game Controller
 RC Model/Toy
 Massager

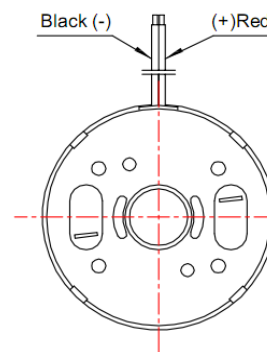
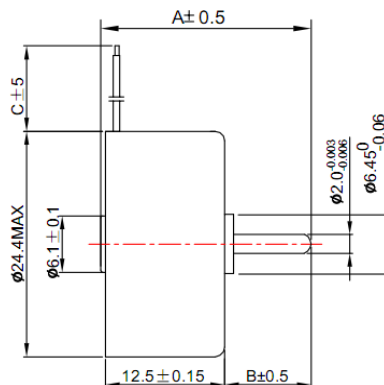
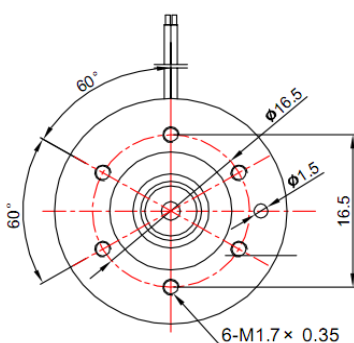
2 KEY FEATURES

-Metal End Cap
 -Stainless Steel Shaft

-Permanent Magnet
 -Precision Metal Brush

3 DIMENSIONS(MM)

DIRECTION OF ROTATION
 CW/CCW



Customization:

- Length A, B
- Technical Data
- Varistor for option
- Terminals 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-300CA	07900	2.0-4.0	3	1700	0.005	1200	0.02	0.2	2	0.025	0.7	7.1	0.055
	08770	1.0-4.0	2.5	1600	0.006	1209	0.018	0.2	2	0.025	0.83	8.47	0.057
	11440	1.0-3.0	2	2200	0.014	1813	0.048	0.26	2.6	0.05	1.1	11.38	0.165

Remarks

- All values approximate.
- Customized electric performance on request by using suitable windings.
- Available with required cables, eccentric wheel and accessories after evaluation.