



Weight: 75g (approx.)

D27.7mm*L37.8mm DC Motor

Model No.:KLS23-DBM19-RS-380/385A

- 1 Typical Applications:** Printer / Copy Machine
Automatic Cruise Control
Drill / Screwdriver
Vacuum Cleaner

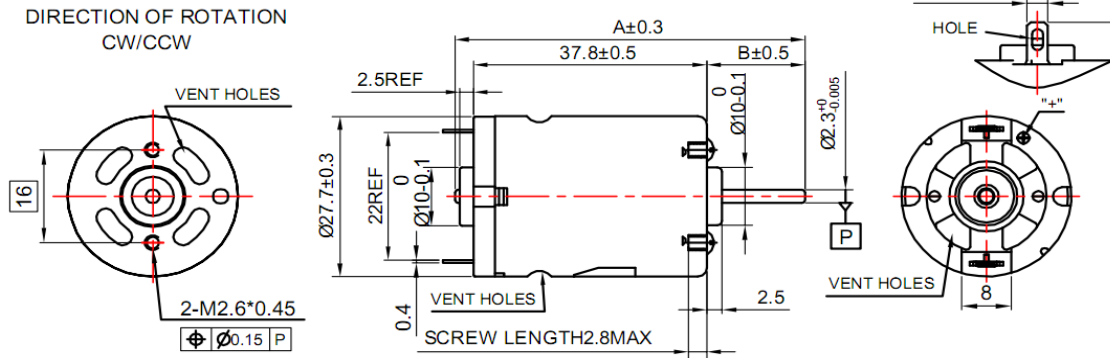
2 KEY FEATURES

- Plastic End Cap
- Sintered Bronze Bearing
- Leaf Brush System
- 3Slots / 5Slots Armature

3 DIMENSIONS(MM)

Customization:

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



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	
RS-380SA	3749	3.0-12.0	6	11000	0.39	9522	2.51	9.74	99.4	9.72	72.55	740	16.2
	15265	6.0-24.0	24	9080	0.08	7730	0.4	9.36	95.5	7.52	59.3	605	2.49
RS-385SA	11210	6.0-12.0	12	3100	0.03	2439	0.11	3.3	33.7	0.85	15.7	160	0.41
	12175	6.0-24	24	7000	0.06	5750	0.25	6.52	66.5	3.91	36.8	375	1.27

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: 90g (approx.)

D27.7mm*L46.5mm DC Motor

Model No.:KLS23-DBM19-RS-390/395A

1 Typical Applications:

- Headrest Adjuster/ Throttle Control
- Drill / Screwdriver
- Foot/Bath/Hair Dryer
- Vacuum Cleaner

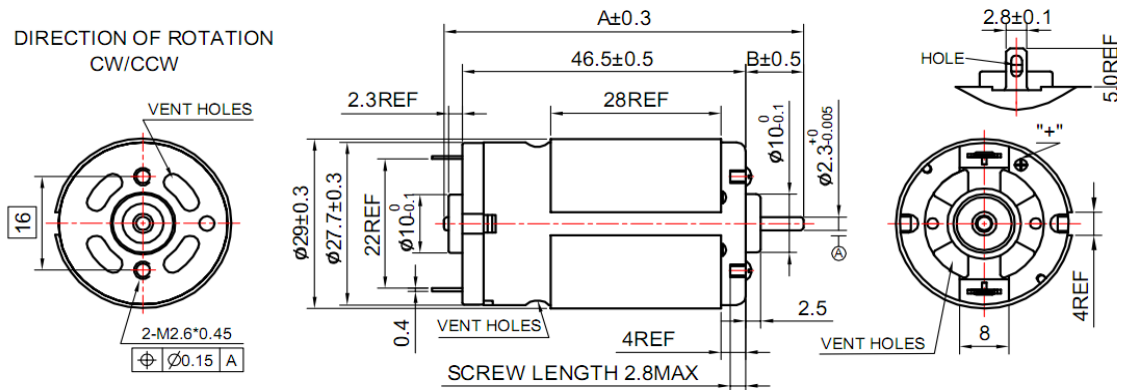
2 KEY FEATURES

- Plastic End Cap
- Sintered Bronze Bearing
- Leaf Brush System
- 3Slots / 5Slots Armature

3 DIMENSIONS(MM)

Customization:

- 1.Length A, B
- 2.Technical Data
- 3.Flux Ring
- 4.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	TORQUE g.cm	OUTPUT W	TORQUE mNm	TORQUE g.cm	CURRENT A
RS-390SA	4535R	6.0-9.0	9	17500	0.65	14909	3.74	15.2	155	23.81	103	1050.6	21.51
	22128	6.0-12.0	12	7300	0.18	5972	0.81	10.5	107.1	6.58	57.9	590	3.65
RS-395SA	2166	6.0-12.0	12	6900	0.18	5631	0.8	9.6	97.92	5.64	52	530	3.54
	3132	6.0-12.0	12	16800	0.36	14406	2.08	11.59	118	15.91	78.4	800	12

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.