



Weight: 55g (approx.)

D28.5mm*L32.6mm DC Motor

Model No.:KLS23-DBM17-FS-360/365A

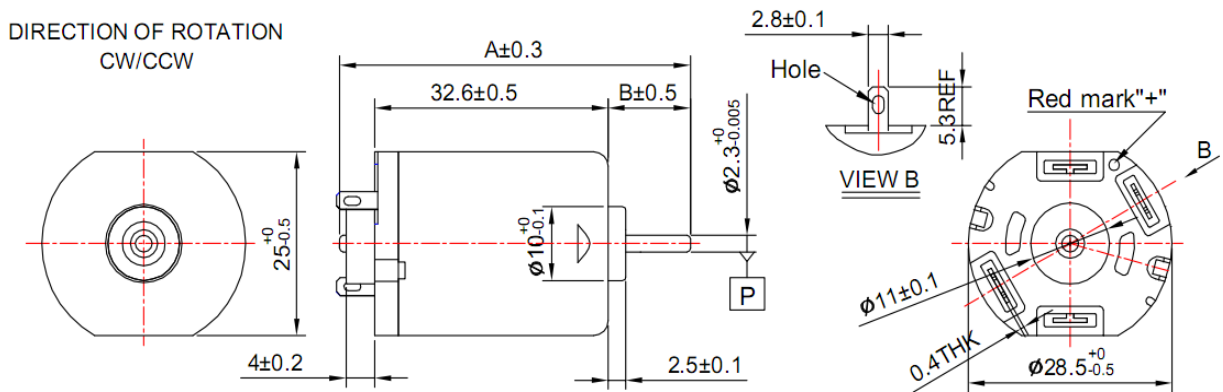
1 Typical Applications: Power Tool
Garden Pump

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.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	
FS-365SA	2347	6.0-14.0	13.5	21800	0.27	18400	1.46	6.4	65.28	12.32	41	418.2	7.9

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: 76g (approx.)

D28.5mm*L40mm DC Motor

Model No.:KLS23-DBM17-FS-380/385A

1 Typical Applications: Electric clipper

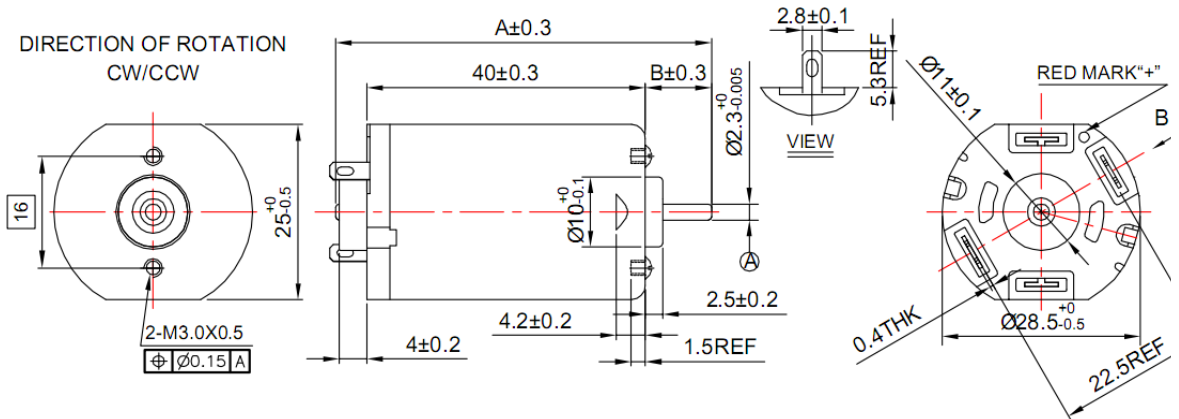
2 KEY FEATURES

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

3 DIMENSIONS(MM)

Customization:

- a.Length A, B
- b.Technical Data
- c.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	
FS-380SA	4037	2.0-6.0	2.4	5600	0.45	4592	2	6	61.2	2.76	33	336.6	8.91
	3550	2.0-6.0	3.6	6300	0.3	5493	1.79	6	61.2	3.3	43	438.6	10.4
	11186	6.0-24.0	24	6600	0.06	5238	0.23	6.07	61.9	3.33	29.4	299.9	0.9

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: 96g (approx.)

D28.5mm*L40mm DC Motor

Model No.:KLS23-DBM17-FS-390/395A

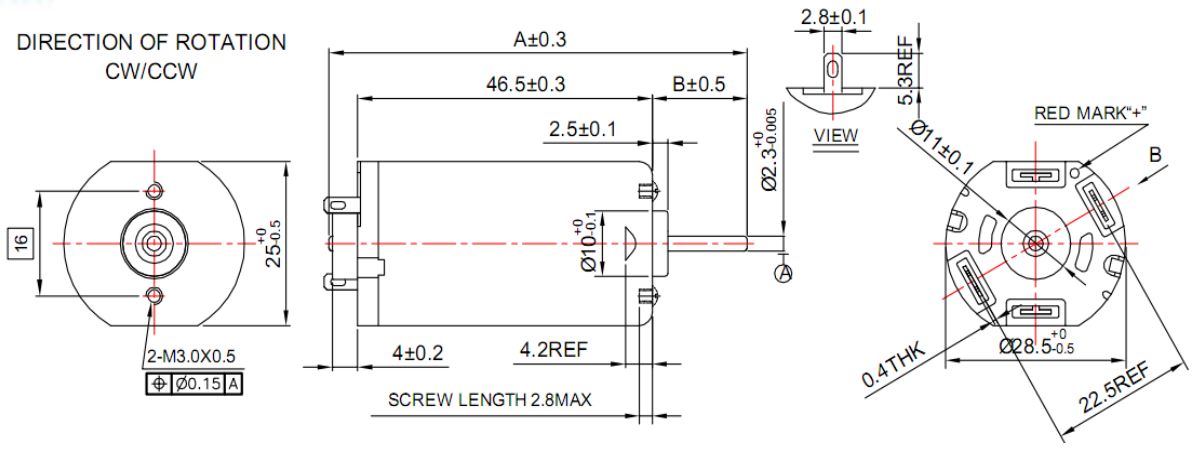
- 1 Typical Applications:** Exhaust Fan
Headrest Regulation
Window lifter

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.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		OUTPUT W	TORQUE		CURRENT A
								mNm	g.cm		mNm	g.cm	
FS-390SA	18190	6.0-12.0	12	4500	0.11	3582	0.44	9	91.8	3.22	44	448.8	1.8
FS-390PA	3333	6.0-12.0	12	16000	0.38	13892	2.5	16	163.2	23.31	121.6	1240	16.5
	19100	6.0-24.0	24	9500	0.14	8033	0.77	14.8	151	12.49	96.1	980.22	4.2

Remarks

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