



Weight: ~485g (approx.)

Dia51.8mm*L69mm DC Micro Motor

Model No.:KLS23-DBM27-RS-987H

1 Typical Applications:

Cordless Power Tool
 Bilge Pump
 Door Opener
 RC Model/Boat

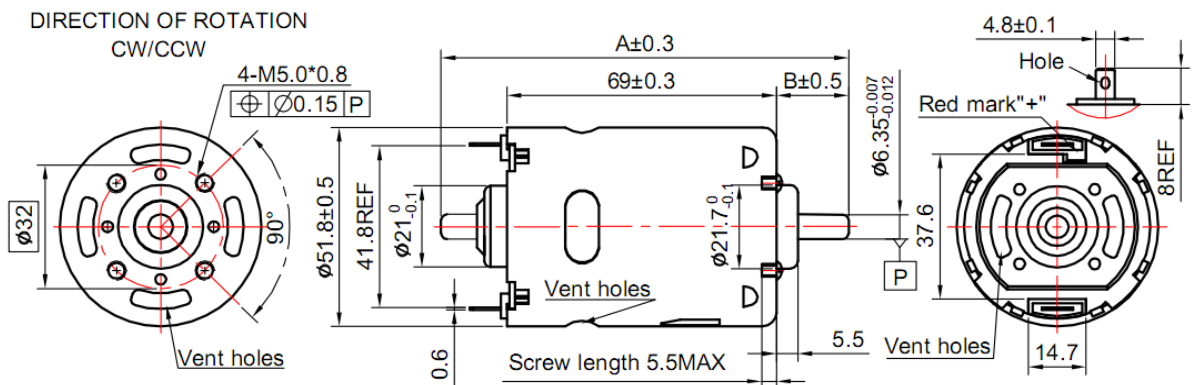
2 KEY FEATURES

- Carbon Steel Shaft
- Class F Magnet Wire
- Leaf Brush System
- 7 Slots Armature/7 Bars Commutator
- Reversible
- Low Noise
- RoHS Compliant

3 DIMENSIONS(MM)

Customization:

- Length A, B
- Technical Data
- Flux Ring & Cooling Fan
- EMC/EMI Suppression



4 TECHNICAL DATA

MODEL		VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL		
		OPERATING	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE	
		RANGE	V	r/min	A	r/min	A	mNm	g.cm	W	mNm	g.cm
RS-987SH	25115	12.0-24.0	24	2200	0.19	1804	0.65	55.6	567	10.03	226.5	2310
	5524	12.0-24.0	24	11000	1.24	9499	7.87	102.9	1050	97.8	745.9	7700
	3755	12.0-32.0	24	6300	0.5	5441	2.85	87.1	888	47.34	57.9	591

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:640g (approx.)

Dia51.8mm*L85mm DC Micro Motor

Model No.:KLS23-DBM27-RS-997H

1 Typical Applications:

Cordless Power Tool
Bilge Pump
Air Pump/Vacuum Cleaner
RC Model/Boat

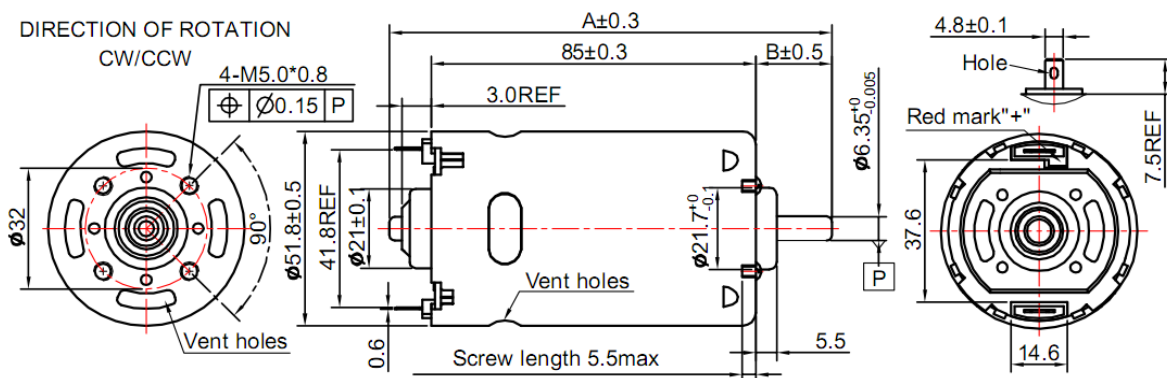
2 KEY FEATURES

- | | |
|-------------------------------------|-----------------|
| -Carbon Steel Shaft | |
| -Class F Magnet Wire | -Reversible |
| -Leaf Brush System | -Low Noise |
| -7 Slots Armature/7 Bars Commutator | -RoHS Compliant |

3 DIMENSIONS(MM)

Customization:

- a.Length A, B
- b.Technical Data
- c.Flux Ring & Cooling Fan
- 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-997SH	7009	6.0-12.0	12	9800	1.95	8808	17.32	169.7	1713	154.9	1660	16930	153.8
	8508	6.0-14.0	14	13000	2.5	11160	15.17	124.9	1274	145.9	882.4	9000	92
	5527	6.0-24.0	24	6500	0.7	5639	4.58	133.9	1366	79.05	1010	10302	30

Remarks

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3. Available with required cables and accessories after evaluation.