



Weight: 163g (approx.)

D35.8mm*L50mm DC Motor

Model No.:KLS23-DBM23-RS-540/545H

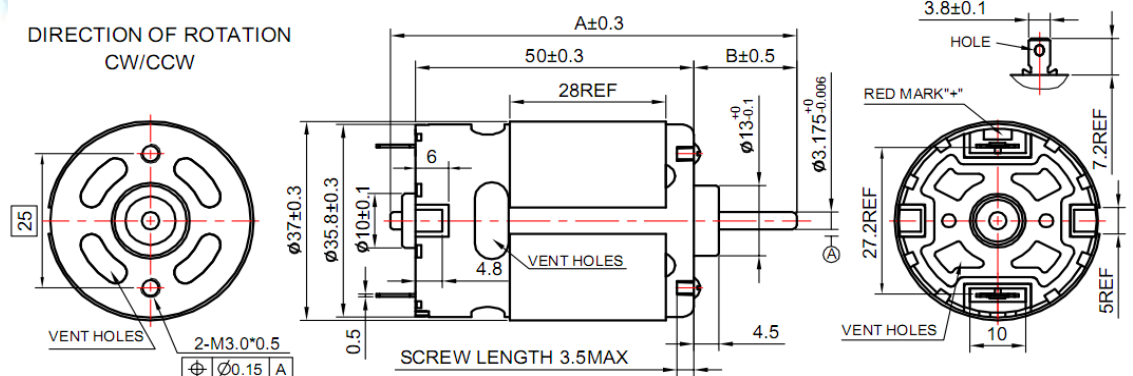
- 1 Typical Applications:**
- Headrest Adjuster
 - Vacuum Cleaner
 - Bilge Pump
 - RC Model/Toy

2 KEY FEATURES

- Metal End Cap
- Class F Magnet Wire
- Leaf Brush System
- Carbon Steel Shaft

3 DIMENSIONS(MM)

- 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-540SH	6036	6.0-24.0	12	19500	0.95	16634	5.51	28.8	293.8	50.22	196.1	2000	32
RS-540PH	7021	6.0-8.0	7.2	20000	1.2	17317	7.75	22.3	227.5	40.5	166.5	1698	50
RS-545SH	21105	6.0-24.0	13	3900	0.15	3120	0.6	13.9	141.8	4.54	69.53	6.82	2.4
	2854	6.0-24.0	24	15200	0.46	13078	2.84	38.4	391.7	52.55	275	2805	17.49

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: 210g (approx.)

D35.8mm*L57mm DC Motor

Model No.:KLS23-DBM23-RS550/555H

1 Typical Applications:

Cordless Power Tool
 RC Model
 Ride-on Car
 EPB/ETC/Air Pump/Door Closer

2 KEY FEATURES

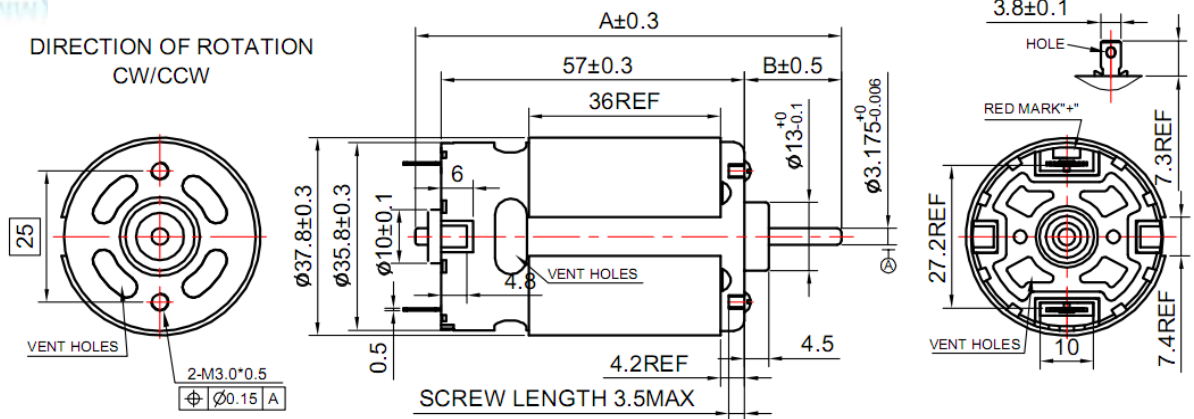
-Metal End Cap
 -Class F Magnet Wire

-Leaf Brush System
 -Carbon Steel Shaft

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		CURRENT
		RANGE	V	r/min	A	r/min	A	mNm	g.cm	W	mNm	g.cm	A
RS-550SH	6529R	6.0-12.0	12	18000	1.25	15669	8.4	44.4	452.9	72.9	343	3498.6	56.5
RS-550PH	27130R	6.0-24.0	24	7500	0.2	6527	1.34	29.3	298.86	20	225.5	2300	9
RS-555SH	21100R	6.0-24.0	24	5300	0.13	4473	0.7	23.9	243.78	11.19	153	156.06	3.8
RS-555PH	2763R	6.0-24.0	24	7500	0.21	6460	1.3	32.6	332.52	22.09	235.5	2402	8.1

Remarks

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



Weight:~220g (approx.)

Dia35.8mm*L60mm DC Micro Motor

Model No.:KLS23-DBM23-RS-560/565H

1 Typical Applications:

Cordless Power Tool
EPB/Air Pump/Door Closer
Ride-on Car
RC Model

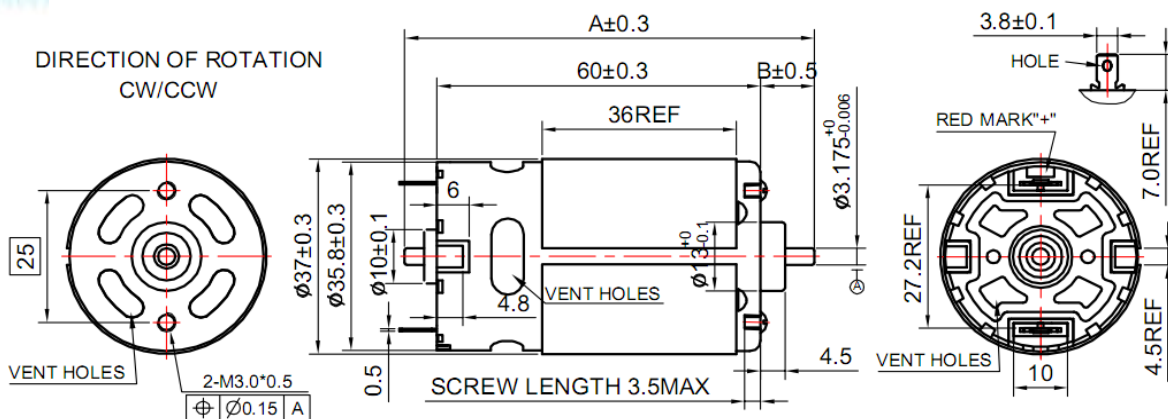
2 KEY FEATURES

- Metal End Cap
- Class F Magnet Wire
- Leaf Brush System
- Carbon Steel Shaft

- Reversible
- Low Noise
- RoHS Compliant

3 DIMENSIONS(MM)

- 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 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	
RS-560SH	3775R	6.0-12.0	12	5800	0.27	5030	1.76	28.6	292	15.1	215.7	2200	11.5
RS-560PH	7021	6.0-12.0	12	25000	1.8	21803	12.27	47	479.4	107.38	368	3753.6	83.7
RS-565SH	22116R	6.0-12.0	12	4100	0.076	3560	0.5	24.5	250	9.16	186.3	1900	3.3
RS-565PH	2785R	6.0-15.0	13.5	3000	0.11	2632	0.52	19.6	200	5.4	147.1	1500	3.87

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:~236g (approx.)

Dia35.8mm*L67mm DC Micro Motor

Model No.:KLS23-DBM23-RS-590/595H

1 Typical Applications:

Cordless Power Tools
 Sewing Machine
 Door Opener
 Vacuum Cleaner

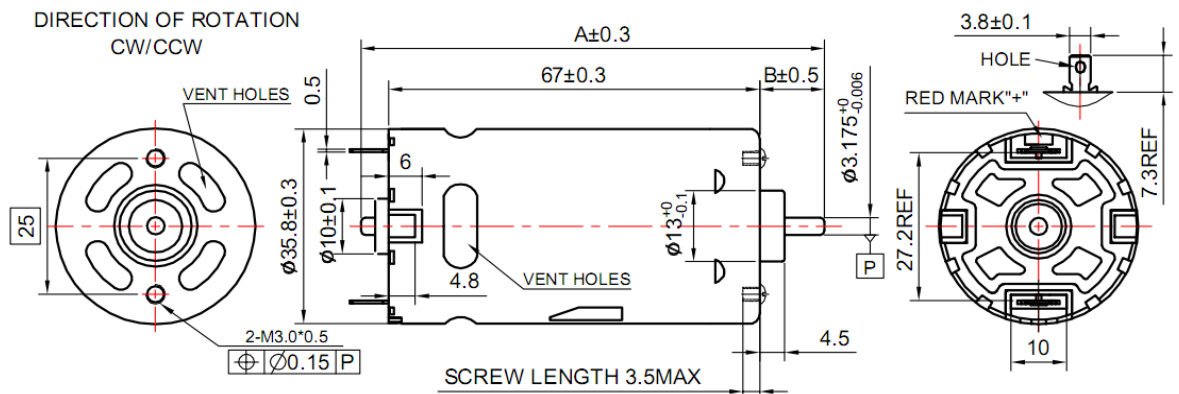
2 KEY FEATURES

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

3 DIMENSIONS(MM)

Customization:

- 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		CURRENT
		RANGE	V	r/min	A	r/min	A	mNm	g.cm	W	mNm	g.cm	A
RS-590SH	3597R	6.0-12.0	12	5000	0.24	4000	1.94	37.3	380	15.6	186.3	1900	8.3
RS-590PH	7525R	6.0-12.0	12	16000	1.1	14366	9.67	53.8	548.8	80.9	526.6	5371	85
RS-595SH	2862R	6.0-24.0	24	6600	0.18	5784	1.27	38.5	393	23.32	311.8	3180	9
RS-595PH	23113R	6.0-24.0	24	3650	0.07	3233	0.54	23.2	236.6	7.85	203	2070	4.2
RS-595VH	7523R	6.0-12.0	12	18500	1.25	16310	9.31	48.5	494.7	82.92	410	4182	69.3

Remarks

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