

Model No.	Bearing	Voltage	Frequency	Current	Input Power	Speed	Air Flow	Static Pressure	Noise
REC	○ ● Sleeve Ball	VAC	Hz	A	W	RPM	CFM	mm H ₂ O	dB(A)

Aluminium Housing with Plastic Impeller



4"

120 x 120 x 38 mm 4-11/16 x 4-11/16 x 1-1/2 in

REC - 22038 A2 T	○	230	50	0.10	15	2650	85	5.4	43
REC - 22038 B2 T	●	230	50	0.10	15	2750	90	6.8	43
REC - 22038 A2 W	○	230	50	0.10	15	2650	85	5.4	43
REC - 22038 B2 W	●	230	50	0.10	15	2750	90	6.8	43



6"

Ø172 x 150 x 51 mm 6-3/4 x 5-7/8 x 2 in

REC - 21725 A2 W	○	230	50	0.19	27	2500	140	7	52
REC - 21725 B2 W	●	230	50	0.19	27	2550	145	8	52



8"

Ø220 x 60 mm Ø 8-21/32 x 2-3/8 in

REC - 22060 R B2 W	●	230	50	0.40	62	2450	340	6	56
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ACFrame Type



6"

Ø172 x 172 x 55 mm

REC - 27255 A2 W	○	230	50	0.19	27	2500	140	7	52
REC - 27255 B2 W	●	230	50	0.19	27	2550	145	8	52



8"

220 x 220 x 60 mm

REC - 22060 S A2 W	○	230	50	0.40	62	2400	340	6	56
REC - 22060 S B2 W	●	230	50	0.40	62	2450	340	6	56

Aluminium Housing with Metal Impeller



4"

120 x 120 x 38 mm 4-11/16 x 4-11/16 x 1-1/2 in

REC - 12038 B2 T-MB	●	230	50	0.13	21	2650	106	7.6	41
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6"

Ø172 x 150 x 55 mm 6-3/4 x 5-7/8 x 2-3/16 in

REC - 15055 B2 - MB	●	230	50	0.28	39	2750	160	12	50
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8"

225 x 225 x 80 mm 8-7/8 x 8-7/8 x 3-1/8 in

REC - 22580 B2 - MB	●	230	50	0.26	60	2650	540	14	59
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10"

280 x 280 x 80 mm 11 x 11 x 3-1/8 in

REC - 28080 B2 - MB	●	230	50	0.42	96	2650	1060	14	58
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Model No.	Bearing	Voltage	Frequency	Current	Input Power	Speed	Air Flow	Static Pressure	Noise
EC	☐ Sleeve ☒ Ball	VAC	Hz	A	W	RPM	CFM	mm H ₂ O	dB(A)

Aluminium Housing with Plastic Impeller

3"

80 x 80 x 25 mm

3-1/8 x 3-1/8 x 1 in



EC - 8025 A1 W	○	115	50/60	0.04	2.4	3000	27	4.5	30
EC - 8025 B1 W	●	115	50/60	0.04	2.4	3200	29	4.5	32
EC - 8025 A2 W	○	230	50/60	0.02	2.4	3000	27	4.5	30
EC - 8025 B2 W	●	230	50/60	0.02	2.4	3200	29	4.5	32

4"

120 x 120 x 38 mm

4-11/16 x 4-11/16 x 1-1/2 in



EC - 12038 A1 T	○	115	50/60	0.07	6.5	2650	100	7	43
EC - 12038 B1 T	●	115	50/60	0.07	6.5	2750	105	7.4	43
EC - 12038 A1 W	○	115	50/60	0.07	6.5	2650	100	7	43
EC - 12038 B1 W	●	115	50/60	0.07	6.5	2750	105	7.4	43
EC - 12038 A2 T	○	230	50/60	0.07	6.5	2650	100	7	43
EC - 12038 B2 T	●	230	50/60	0.07	6.5	2750	105	7.4	43
EC - 12038 A2 W	○	230	50/60	0.07	6.5	2650	100	7	43
EC - 12038 B2 W	●	230	50/60	0.07	6.5	2750	105	7.4	43

6"

Ø172 x 150 x 51 mm

6-3/4 x 5-7/8 x 2 in



EC - 17251 A1 W	○	115	50/60	0.14	10	2600	160	13	55
EC - 17251 B1 W	●	115	50/60	0.14	10	2700	170	13	57
EC - 17251 A2 W	○	230	50/60	0.11	12	2600	160	13	55
EC - 17251 B2 W	●	230	50/60	0.11	12	2700	170	13	57

8"

Ø220 x 60 mm

Ø 8-21/32 x 2-3/8 in



EC - 22060 R B1 W	●	115	50/60	0.22	18	2250	405	24	62
EC - 22060 R B2 W	●	230	50/60	0.17	22	2500	405	24	62

Plastic Housing with Plastic Impeller

3 1/2"

92 x 92 x 25 mm

3-5/8 x 3-5/8 x 1 in



EC - 9225 A1 W	○	115	50/60	0.040	2.5	2550	36	2.5	29
EC - 9225 B1 W	●	115	50/60	0.040	2.5	2600	37	2.5	28
EC - 9225 A2 W	○	230	50/60	0.022	2.4	2550	36	2.5	29
EC - 9225 B2 W	●	230	50/60	0.022	2.4	2600	37	2.5	28

4"

120 x 120 x 38 mm

4-11/16 x 4-11/16 x 1-1/2 in



EC - 12038 A1 W	○	115	50/60	0.07	6.5	2650	100	7	43
EC - 12038 B1 W	●	115	50/60	0.07	6.5	2750	105	7.4	43
EC - 12038 A2 W	○	230	50/60	0.07	6.5	2750	105	7	43
EC - 12038 B2 W	●	230	50/60	0.07	6.5	2800	110	7.4	43

Model No.	Bearing	Voltage	Current	Input Power	Speed	Air Flow	Static Pressure	Noise
REC	○ Sleeve ● Ball	VDC	A	W	RPM	CFM	mm H ₂ O	dB(A)

Plastic Housing with Plastic Impeller



2 ^{1/2"}	60 x 60 x 25 mm	2-8/22 x 2-8/22 x 1 in							
	REC - 6025 A12 W	○	12	0.10	1.2	3950	20	3.8	27
	REC - 6025 A24 W	○	24	0.07	1.7	4200	20	3.8	27



3"	80 x 80 x 25 mm	3-1/8 x 3-1/8 x 1 in							
	REC - 8025 A12 W	○	12	0.13	1.6	2750	35	3.5	30
	REC - 8025 B12 W	●	12	0.13	1.6	2850	35	3.5	30
	REC - 8025 A24 W	○	24	0.09	2.2	2800	35	3.5	30
	REC - 8025 B24 W	●	24	0.08	1.9	3000	35	3.5	30



3 ^{1/2"}	92 x 92 x 25 mm	3-5/8 x 3-5/8 x 1 in							
	REC - 9225 A12 W	○	12	0.14	1.7	2350	46	3.5	29
	REC - 9225 A24 W	○	24	0.10	2.4	2500	46	3.5	29

Aluminium Housing with Plastic Impeller



4"	120 x 120 x 38 mm	4-11/16 x 4-11/16 x 1-1/2 in							
	REC - 12038 A12 W	○	12	0.40	4.8	3000	105	6.8	40
	REC - 12038 B12 W	●	12	0.40	4.8	3050	116	6.8	40
	REC - 12038 A24 W	○	24	0.17	4.0	2900	105	6.8	40
	REC - 12038 B24 W	●	24	0.18	4.3	3000	116	6.8	40
	REC - 12038 A48 W	○	48	0.13	6.2	3200	105	6.8	40
	REC - 12038 B48 W	●	48	0.13	6.2	3250	116	6.8	40
	REC - 12038 B48 H W	●	48	0.25	12	4250	164	9	52

* H - High Speed

* Note : UL Approved Fan Also Available



6"	Ø172 x 150 x 51 mm	6-3/4 x 5-7/8 x 2 in							
	REC - 17251 B24 W		24	0.70	16.8	3400	300	20	55
	REC - 17251 B48 W		48	0.35	16.8	3450	300	20	55



8"	Ø220 x 60 mm	Ø 8-21/32 x 2-3/8 in							
	REC - 22060 B24 W	●	24	1.00	24	2550	400	28	62
	REC - 22060 B48 W	●	48	0.50	24	2600	400	28	62

Aluminium Housing with Metal Impeller



8"	225 x 225 x 80 mm	8-7/8 x 8-7/8 x 3-1/8 in							
	REC - 22580 B48 - MB		48	1.10	53	2750	647	24.6	67



10"	280 x 280 x 80 mm	11 x 11 x 3-1/8 in							
	REC - 28080 B48 - MB		48	1.85	89	2650	1200	30.6	69

Model No.	Rotation	Voltage	Frequency	Current	Input Power	Speed
REC		VAC	Hz	A	W	RPM

**61 x 61 x 10 mm****No Load Parameter**

REC - 6110 A2	CW	230	50	0.07	7	2900
Plastic Impellor Ø100mm	PI007	Suction / Throw				
Metal Stand Length 101mm	MS010					

Assembly View

**61 x 61 x 20 mm**

REC - 6120 A2	CCW	230	50	0.13	13	2800
Al. Impeller Ø125 mm 26°	AI029	Throw				
Al. Impeller Ø150 mm 28°	AI031	Throw				
Al. Impeller Ø150 mm 28°	AI032	Suction				
Metal Stand Length 101mm	MS010					



Front Mounting

Back Mounting

**61 x 61 x 25 mm**

REC - 6125 A2	CCW	230	50	0.22	18	2900
Al. Impeller Ø150 mm 28°	AI031	Throw				
Al. Impeller Ø150 mm 28°	AI032	Suction				
Metal Stand Length 101mm	MS010					



BLDC MOTOR

Specification

With Load Parameter

BLOW OUT / IN



REC - 6120 A12	CW	12	-	0.18	2.16	2750
Impeller Ø 100 mm	PI007	-	Blow Out	-	-	-
Impeller Ø 100 mm	PI013	-	Blow In	-	-	-

REC - 6120 A12	CW	12	-	0.23	2.76	2510
Impeller Ø 110 mm	PI008	-	Blow Out	-	-	-

Note :- ● Shaft Length Can be made as per Customer's Requirement

Hookup Wire with Connector & Terminal for 6120 BLDC

Item	Part Code No.	Drawing No.
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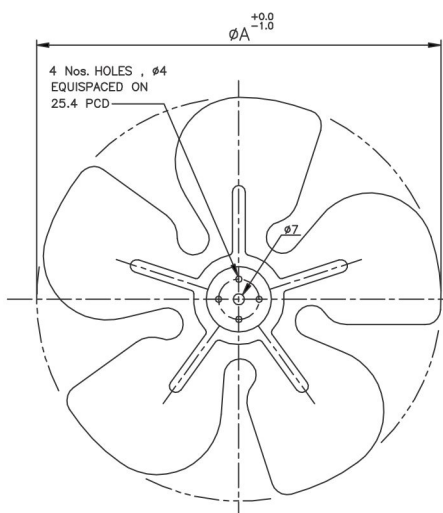
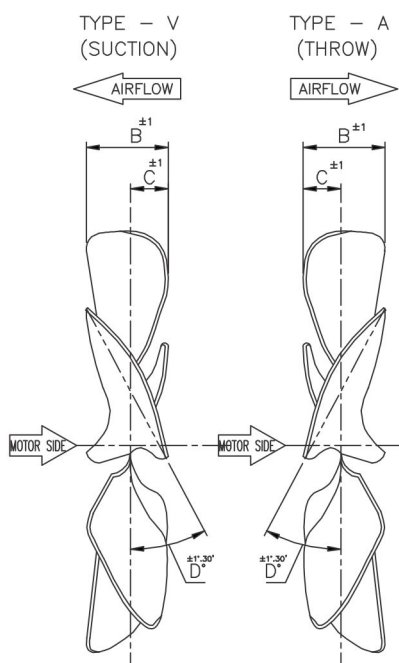
Connector with Wire Length 370 mm	CW001	6120 BLDC / CW001 / RO
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Connector with Wire Length 400 mm	CW002	6120 BLDC / CW002 / RO
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* ALL DIMENSIONS ARE IN MM

Part Code	Part Code	IMPELLER	Ø	Ø	Ø
V - Suction	A - Throw	ANGLE D° ± 1.30	+0.0 -1.0 A	± 1 B	± 1 C
-----	AI 029	26°	125	27.0	11.0
AI 032	AI 031	28°	150	33.0	18.0
AI 034	AI 033	34°	154	39.0	18.0
AI 038	AI 037	34°	172	43.0	19.0
AI 040	AI 039	28°	200	37.0	19.0
AI 042	AI 041	34°	200	45.0	20.0
AI 043	Not Available	22°	230	34.0	14.0
AI 045	AI 044	28°	230	42.0	20.0
AI 047	AI 046	34°	230	48.0	24.0
AI 048	Not Available	22°	254	36.0	14.0
AI 050	AI 049	28°	254	43.0	22.0
AI 052	AI 051	34°	254	52.0	25.0
AI 054	AI 053	28°	300	52.0	28.0



FAN	Model / Watt a	6120 4 W	6125 5 W	8313 5 W	8320 7 W	8320 10 W	8325 16 W	8330 18 W	8340 25 W	8345 34 W
Ø 125	26°									
Ø 150	28°	28°								
Ø 154			34°							
Ø 172			34°							
Ø 200			28°	34°	34°					
Ø 230				28°	28°	34°	34°			
Ø 254					22°	28°	28°	34°	34°	
Ø 300									28°	28°

Model No.	Output Power	Bearing	Voltage	Frequency	Current	Input Power	Speed
REC	Watt	○ Sleeve ● Ball	VAC	Hz	A	W	RPM

No Load Parameter



83 x 83 x 13 mm

REC-8313-05 A2	5	○	230	50	0.17	24	1450
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83 x 83 x 20 mm

REC-8320-07 A2	7	○	230	50	0.22	27	1450
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REC-8320-10 A2	10	○	230	50	0.28	33	1450
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83 x 83 x 25 mm

REC-8325-16 A2	16	○	230	50	0.35	42	1450
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83 x 83 x 30 mm

REC-8330-18 A2	18	○	230	50	0.36	37	1450
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83 x 83 x 40 mm

REC-8340-25 A2	25	○	230	50	0.42	43	1450
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REC-8340-25 B2	25	●	230	50	0.42	43	1450
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83 x 83 x 45 mm

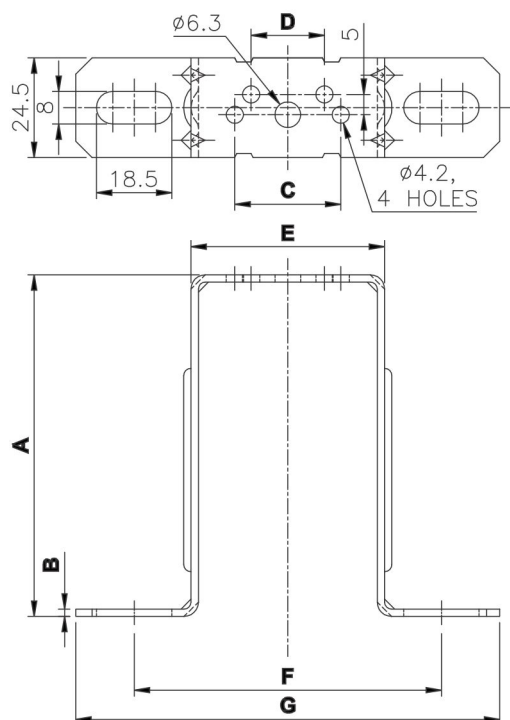
REC-8345-34 A2	34	○	230	50	0.56	57	1450
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REC-8345-34 B2	34	●	230	50	0.56	57	1450
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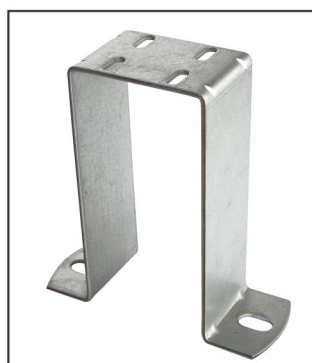
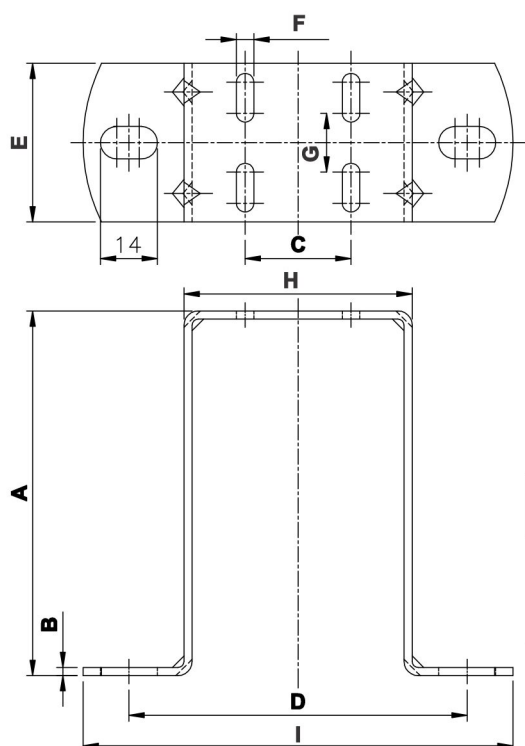


83 x 83 x 45 mm (D Cut Shaft)

REC-8345-34 B2	34	●	230	50	0.60	63	1450
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Metal Stand Part No.	Suitable To Model	Weight gram	Dimension						
			A	B	C	D	E	F	G
MS020	8313-05 A2	75.0	72	1.8	26	18	51	81	109.5
MS021	8320-07 A2	82.0	84	1.8	26	18	47.5	75.4	104
	8320-10 A2								



Metal Stand Part No.	Suitable To Model	Weight gram	Dimension								
			A	B	C	D	E	F	G	H	I
MS022	8325-16 A2	177	109	2.0	26	83	39	4.3	14.4	56	105.5
	8330-18 A2										
MS017	8340-25 A2	282	109	2.5	26	79	48	4.5	31.0	51	101
	8345-34 A2										