



making machines
breathe and live long>>

www.superiorelectric.in



About SEM

■ Intro:

Superior Electric Machines Pvt Limited, a successful company spanning more than three decades in providing solutions to air movement in India and abroad by developing, manufacturing and supplying external rotor blowers, axial fans, centrifugal fans, in line duct fans etc. with single and double inlet and of various combinations of impeller profiles like forward and backward curved, custom made air moving equipments to satisfy customer requirements. We are also OEM for critical components required for manufacture of other air moving equipments.

■ Quality Statement:

We have our own testing and inspection procedures adhered to ISO 9001-2008 standard and each of our products are packed with a thrust on "QUALITY & RELIABILITY", ensuring our products are engineered and manufactured to the highest standard.

■ Research & Development:

Our production facility is backed up with a research and development wing which ensures that our products meet the requirements of each customer. New products based on energy efficiency, noise reduction, environment friendly, are added in our production line frequently.

■ Our Strategy & Vision:

By understanding our customers and knowing precisely what they want, we aim for a customer service approach that nullifies the inconvenience to customers as much as possible. Our in-house design team assesses the requirements and develops an air movement solution to suit customers' needs. Any special requests shall be considered when developing a solution to meet their requirements.

We give importance for best possible efficiency, minimizing noise levels and vibrations which is a challenge within which we relentlessly pursue each and every day.

Our ability to supply products of the highest quality offering optimum performance and longevity of life is the end result of working successfully with end users in numerous applications to gain a total understanding of the needs of industry for over 32 years. During this time we have invested continuously in the latest design and manufacturing techniques and the people we employ, enabling them to offer the ultimate in fans and blowers technology.

■ Market:

Recognized in India as a leading fan & blower manufacturer, we have built our reputation by supplying products with quality of the highest level built-in from concept, through precision design, the entire manufacturing process, and final testing to prove performance ability. As a part of our long term strategy to retain our market position and customers requiring air movement technology and provide solutions to individual requirements, we design our products using the latest advances in CAD/CAM coupled with the skills, knowledge and expertise of our designers and technicians.

Range of Products

Blower / Centrifugal Fans

- Single Inlet forward Curved Impeller
- Double Inlet forward Curved Impeller
- Single Inlet backward Curved Impeller
- Conventional Motor Blowers
- Heavy duty Centrifugal Blowers upto 5 HP
- Double Blower Single & Double Inlet

Axial Fans

- Press Fit Impeller
- Rivetted Impeller
- With round casing
- With square casing
- With basket grill
- With Straight grill
- For Motor cooling units
- Exhaust Fans

Special purpose Fans

- In-Line Duct Fans
- Tube-axial Fans
- For Inflatables

Motors

- Induction Motors
- Pump Motors
- R.O. Pumps

Blower / Centrifugal Fans

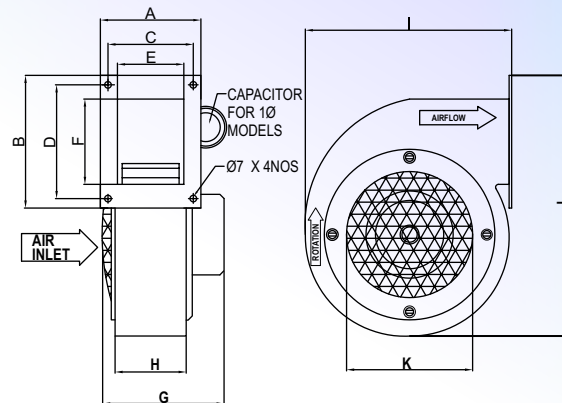
SINGLE INLET FORWARD CURVED IMPELLER



Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT (CMH) (CFM)		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
1EC 1BF	230V, 1Ø, 50Hz	0.22	50	1450	55	32	6	50	1	70	2.25
1EC 1BT	230V, 1Ø, 50Hz	0.15	40	2750	140	82	25	72	1.5	70	2.25
5EC 1BT	230V, 1Ø, 50Hz	0.35	65	2700	290	171	35	64	2	70	2.5
5EC 3BT	415V, 3Ø, 50Hz	0.2	90	2650	290	171	35	72	..	70	3
6EC 1BT	230V, 1Ø, 50Hz	0.4	90	2600	410	241	30	73	2	70	3.2
6EC 3BT	415V, 3Ø, 50Hz	0.25	120	2750	410	241	35	74	..	70	3.6
7EC 1BT	230V, 1Ø, 50Hz	0.6	140	2550	500	294	38	68	4	70	4.3
7EC 3BT	415V, 3Ø, 50Hz	0.25	140	2550	500	294	38	68	..	70	4.4
9EC 1BF	230V, 1Ø, 50Hz	0.25	55	1400	220	129	18	60	2.5	70	4.5
9EC 3BF	415V, 3Ø, 50Hz	0.35	90	1440	240	141	18	64	..	70	4.5
9EC 1BT	230V, 1Ø, 50Hz	0.65	160	2500	450	265	40	70	4	70	4.5
9EC 3BT	415V, 3Ø, 50Hz	0.25	160	2500	450	265	40	70	..	70	4.5
10EC1BT	230V, 1Ø, 50Hz	1	235	2150	630	371	55	70	6	70	4
10EC3BT	415V, 3Ø, 50Hz	0.3	200	2150	630	371	55	70	..	70	4
12EC1BF	230V, 1Ø, 50Hz	0.65	170	1350	1050	618	20	68	5	70	7.5
12EC3BF	415V, 3Ø, 50Hz	0.4	200	1350	1050	618	20	68	..	70	7.5

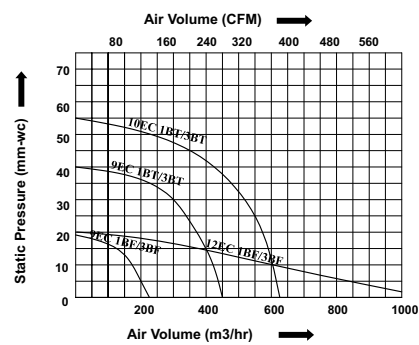
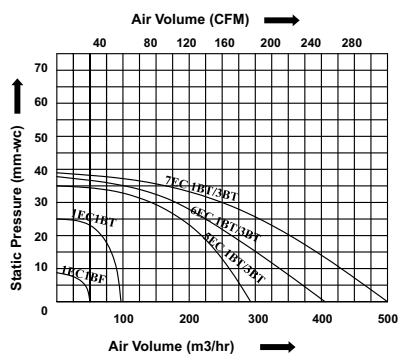
Product Drawing



Dimensional details

TYPE	A	B	C	D	E	F	G	H	I	J	K
1EC SERIES	177	88	99	67	57	57	90	56	177	191	96
5EC SERIES	114	85	98	68	80	60	128	81	176	187	96
6EC SERIES	120	111	100	85	85	73	134	86	178	210	96
7EC SERIES	130	120	115	105	95	92	160	98	222	265	125
9EC SERIES	109	140	90	120	70	90	128	75	225	275	140
10EC SERIES	135	122	115	105	95	92	160	98	222	265	140
12EC SERIES	183	188	163	168	129	134	157	135	296	360	149

Performance Chart



Blower / Centrifugal Fans

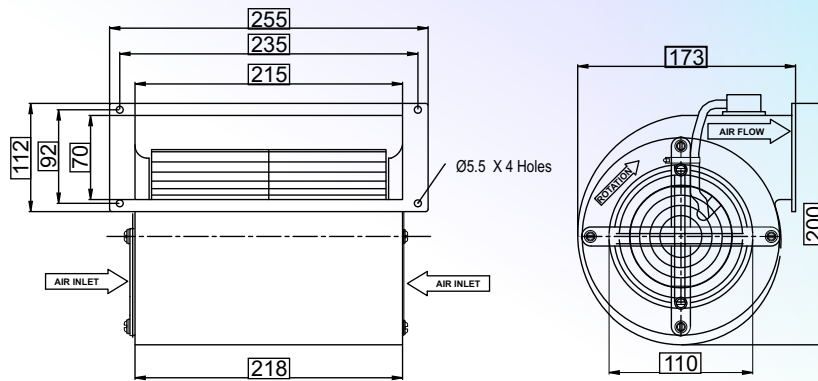
DOUBLE INLET FORWARD CURVED IMPELLER 133 SERIES



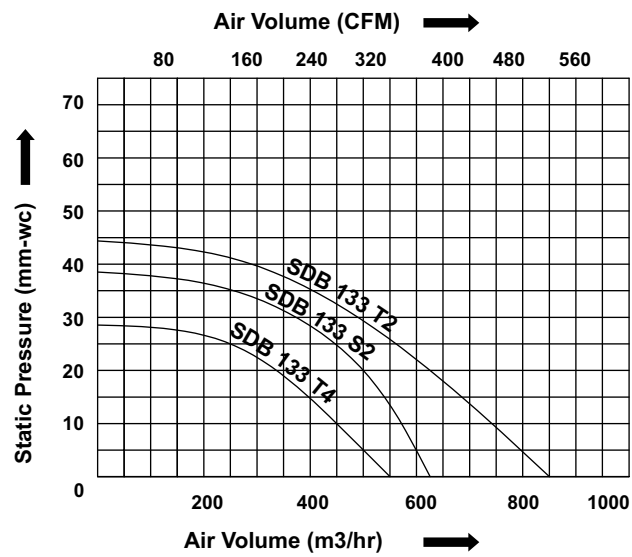
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SDB 133 T4	415V, 3Ø, 50Hz	0.38	120	1450	550	324	30	55	..	70	4.2
SDB 133 S2	230V, 1Ø, 50Hz	0.5	130	1750	620	365	38	55	2.5	70	4.3
SDB 133 T2	415V, 3Ø, 50Hz	0.25	175	2450	850	500	45	60	..	70	3.8

Product Drawing



Performance Chart



Blower / Centrifugal Fans

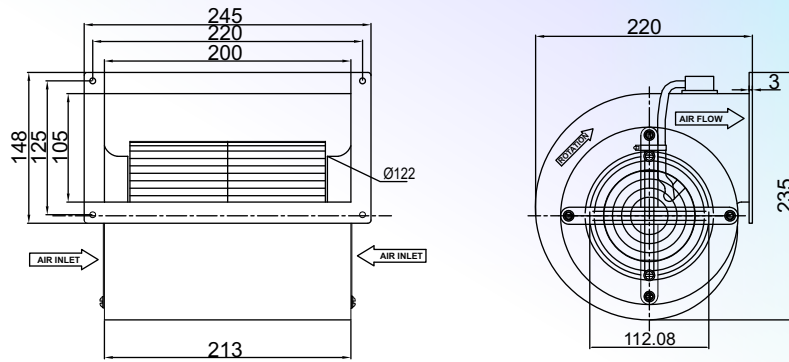
DOUBLE INLET FORWARD CURVED IMPELLER 140 SERIES



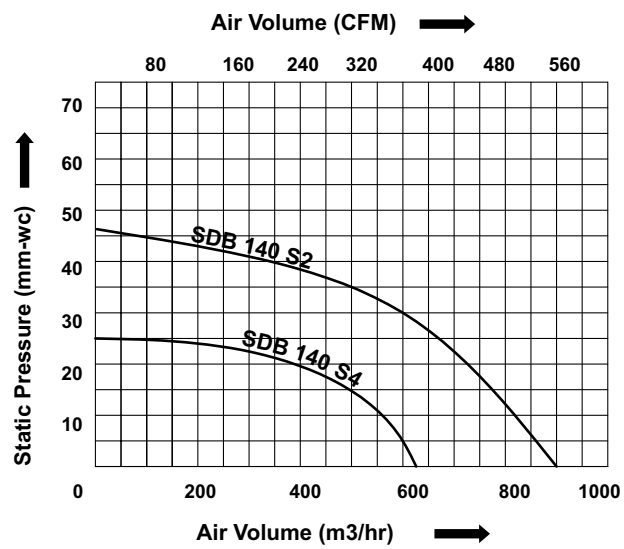
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SDB 140 S2	230V, 1Ø, 50Hz	1.25	300	2450	900	529	47	72	6	65	5.3
SDB 140 S4	230V, 1Ø, 50Hz	0.5	110	1400	620	365	25	65	4	65	5.3

Product Drawing



Performance Chart



Blower / Centrifugal Fans

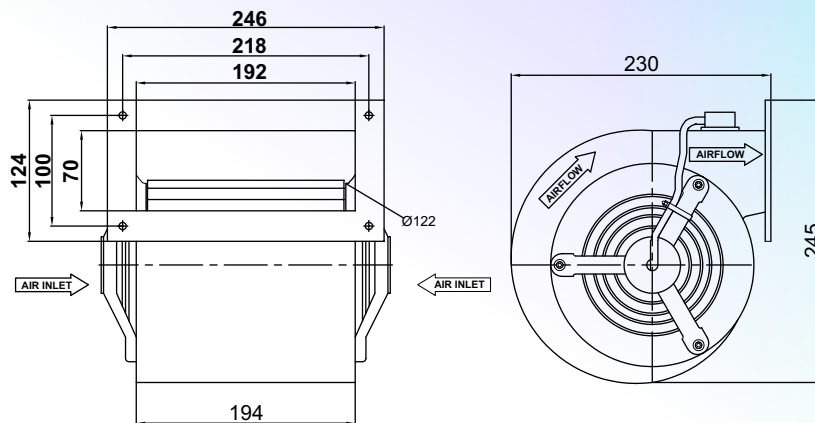
DOUBLE INLET FORWARD CURVED IMPELLER 150 SERIES



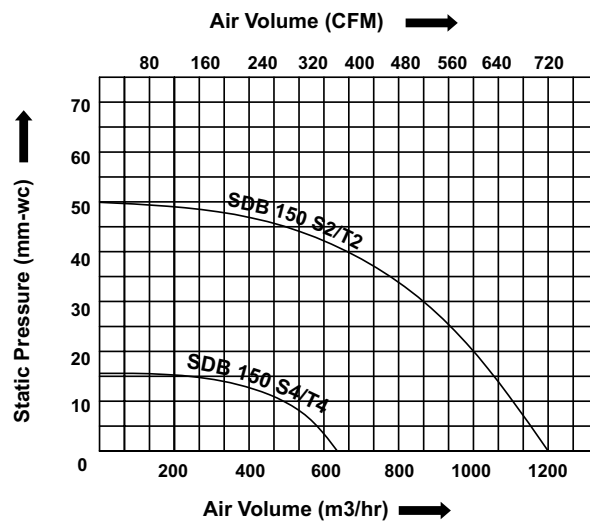
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SDB 150 S2	230V, 1Ø, 50Hz	2	450	2600	1200	706	50	76	12.5	60	8.5
SDB 150 T2	415V, 3Ø, 50Hz	0.75	430	2600	1200	706	50	76	..	60	8.5
SDB 150 S4	230V, 1Ø, 50Hz	0.4	100	1440	620	365	14	61	4	60	8.5
SDB 150 T4	415V, 3Ø, 50Hz	0.65	130	1450	620	365	14	61	..	60	8.5

Product Drawing

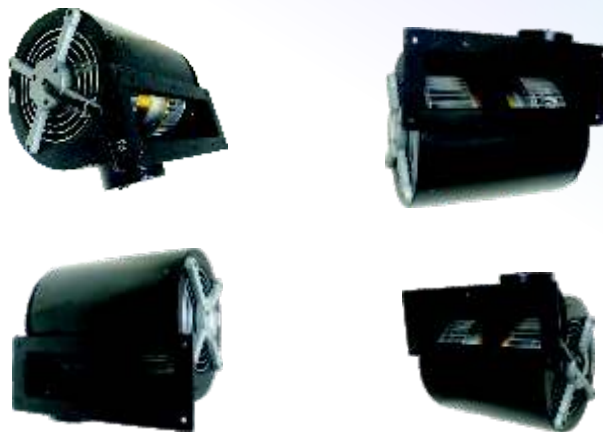


Performance Chart



Blower / Centrifugal Fans

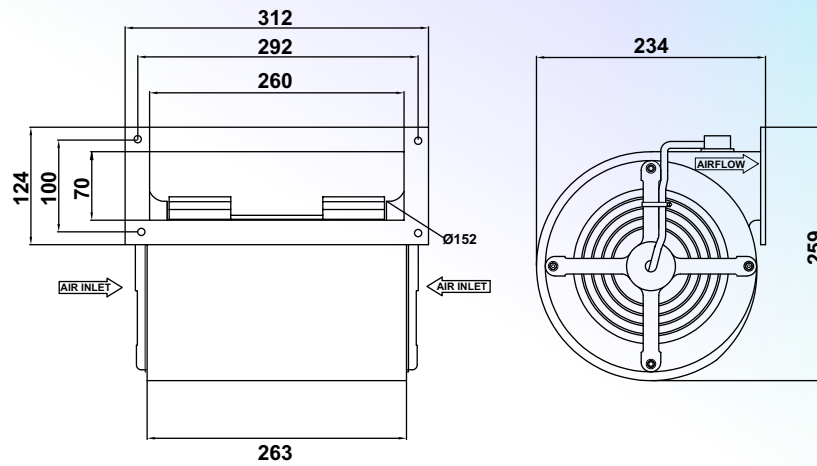
DOUBLE INLET FORWARD CURVED IMPELLER 180 SERIES



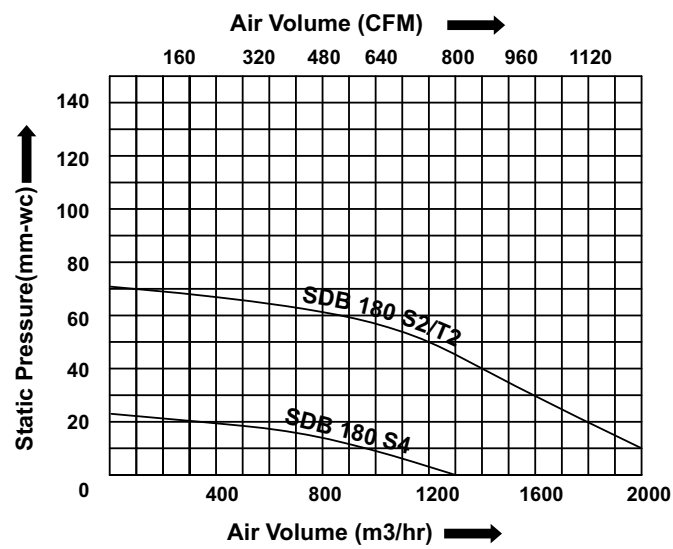
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SDB 180 S2	230V, 1Ø, 50Hz	4.2	950	2550	2150	1265	70	80	15	60	14
SDB 180 T2	415V, 3Ø, 50Hz	1.25	750	2550	2150	1265	70	80	..	50	14
SDB 180 S4	230V, 1Ø, 50Hz	1.2	260	1350	1300	765	22	67	5	60	14

Product Drawing



Performance Chart



Blower / Centrifugal Fans

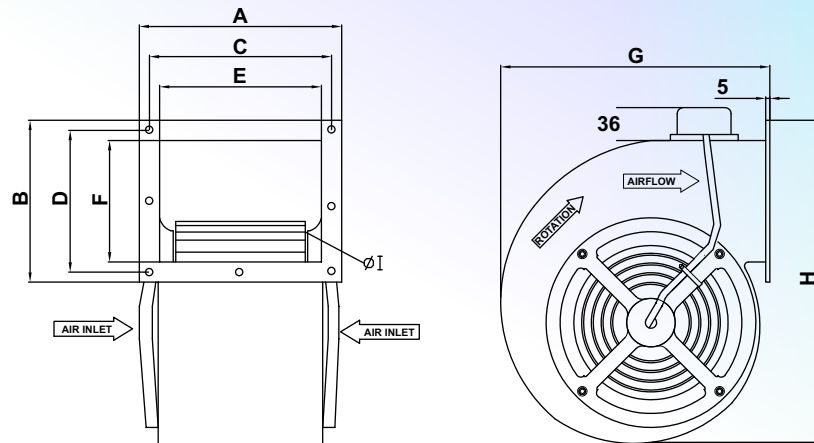
DOUBLE INLET FORWARD CURVED IMPELLER 200-240 SERIES



Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SDB 200 T2	415V, 3Ø, 50Hz	2.6	1500	2700	2600	1529	85	85	..	60	18
SDB 220 T2	415V, 3Ø, 50Hz	2.8	1600	2650	2800	1647	115	87	..	60	19
SDB 220 S4	230V, 1Ø, 50Hz	2	400	1400	1650	971	30	70	12.5	60	16
SDB 220 T4	415V, 3Ø, 50Hz	0.7	360	1400	1650	971	30	70	..	60	16
SDB 240 S4	230V, 1Ø, 50Hz	3.2	750	1400	2750	1618	40	72	15	60	19
SDB 240 T4	415V, 3Ø, 50Hz	1.2	750	1400	2750	1618	40	72	..	60	20

Product Drawing

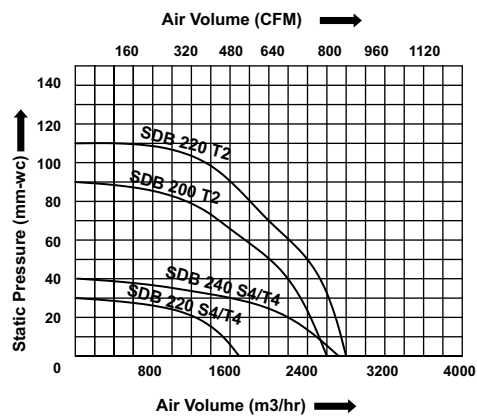


Dimensional details

TYPE	A	B	C	D	E	F	G	H	I
SDB 200 T2	250	200	225	175	200	150	333	398	180
SDB 220 SERIES	250	200	225	175	200	150	333	398	170
SDB 240 S4	290	190	265	165	240	140	341	408	200

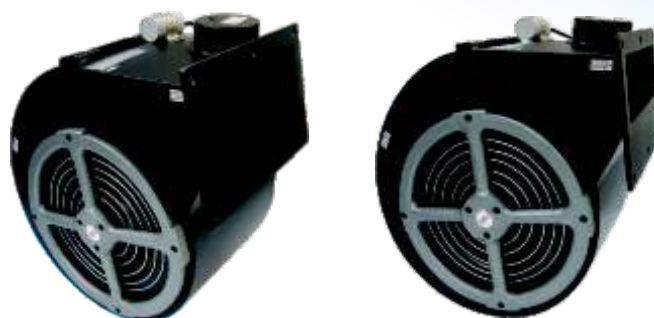
Note: ALL DIMENSIONS ARE IN mm

Performance Chart



Blower / Centrifugal Fans

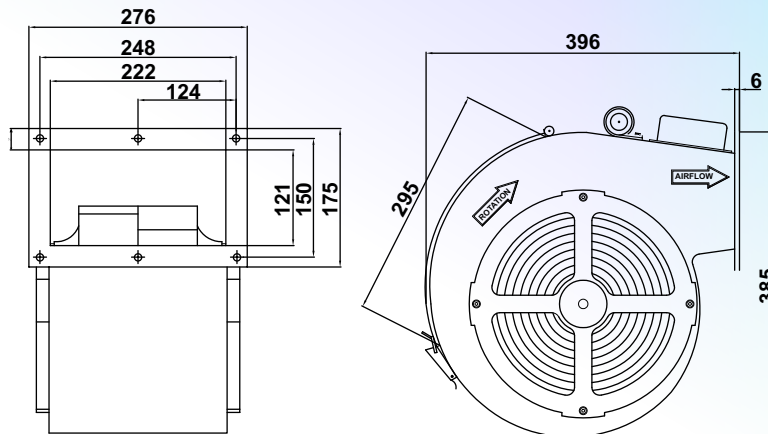
DOUBLE INLET BACKWARD CURVED IMPELLER 250 SERIES



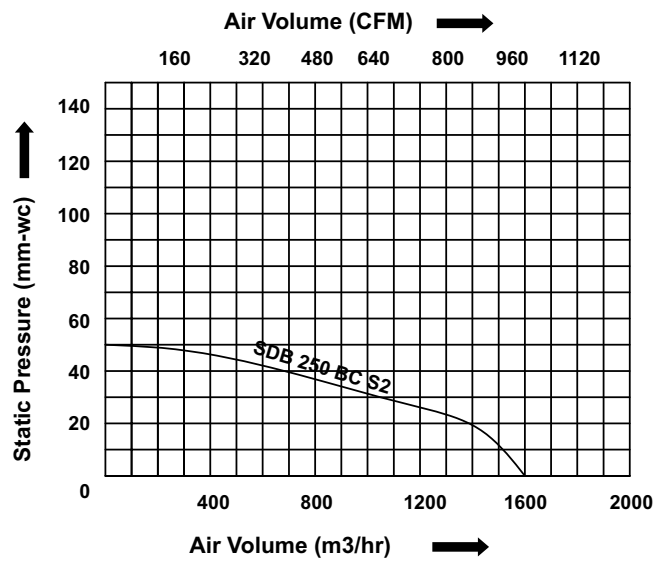
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SDB 250 BC S2	230V, 1Ø, 50Hz	1.6	375	2650	1600	941	85	85	12.5	60	15

Product Drawing



Performance Chart



Blower / Centrifugal Fans

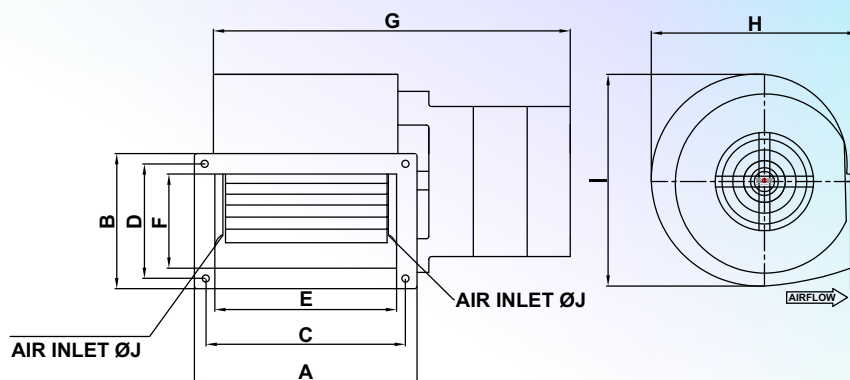
CONVENTIONAL SINGLE INLET BLOWER



Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr	dBA	Cap. μ f	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)	(mm-wc)				
SSB 53 S2	230V, 1Ø, 50Hz		0.45	90	2750	450	265	42	65	4	703.4
SSB 60 S2	230V, 1Ø, 50Hz		0.65	160	2750	650	382	45	68	4	704
SSB 63 S2	230V, 1Ø, 50Hz		0.7	170	2750	700	412	45	70	5	704.5

Product Drawing

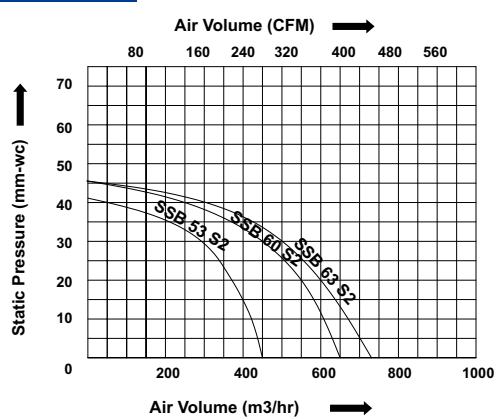


Dimensional details

TYPE	A	B	C	D	E	F	G	H	I	J
SSB 53 (DI)	122	98	110	50	96	72	225	140	148	75*75
SSB 55 (DI)	162	96	148	84	135	70	260	139	145	75*75
SSB 60 (DI)	125	120	110	50	96	94	225	160	170	90*90
SSB 63 (SI)	120	186	105	145	90	160	228	202	220	105

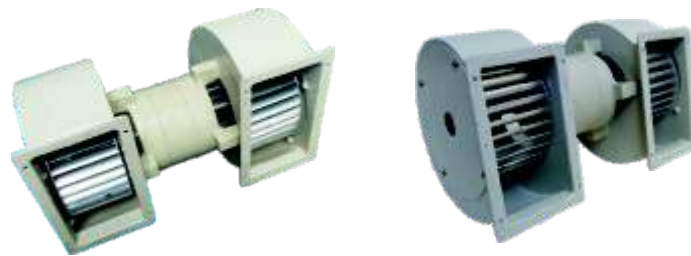
Note: ALL DIMENSIONS ARE IN mm
DI - Double inlet
SI - Single inlet

Performance Chart



Blower / Centrifugal Fans

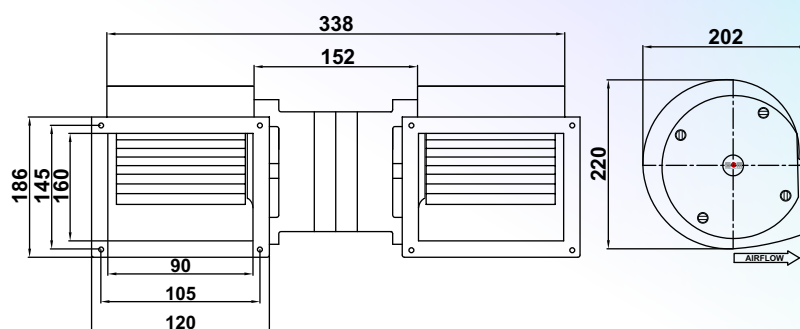
CONVENTIONAL SINGLE INLET DOUBLE BLOWER



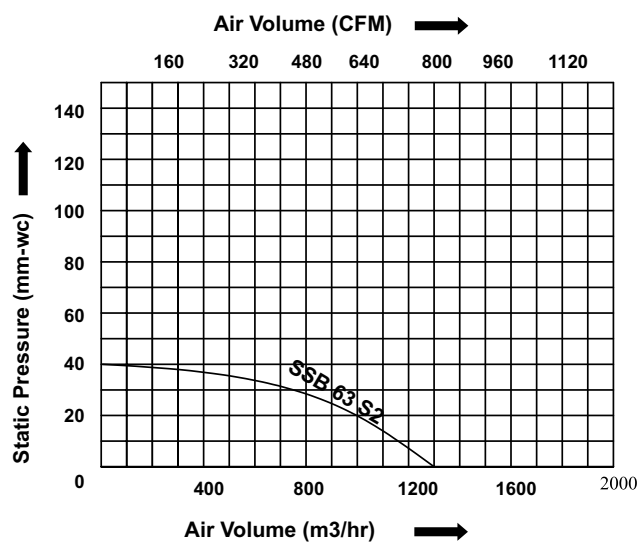
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SDB 63 S2	230V, 1Ø, 50Hz	1	240	2500	1300	765	40	73	6	80	6

Product Drawing



Performance Chart



Blower / Centrifugal Fans

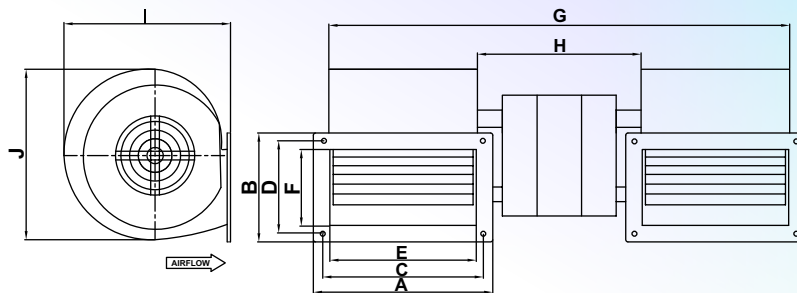
CONVENTIONAL DOUBLE INLET DOUBLE BLOWER



Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SDB 53 S2	230V, 1Ø, 50Hz	0.6	150	2800	800	471	40	77	5	75	4.5
SDB 53 S4	230V, 1Ø, 50Hz	0.25	60	1400	350	206	15	60	2	75	4.5
SDB 55 S2	230V, 1Ø, 50Hz	0.75	170	2800	1150	676	40	75	5	75	5
SDB 60 S2	230V, 1Ø, 50Hz	0.9	220	2600	1250	735	45	80	5	75	5.3

Product Drawing

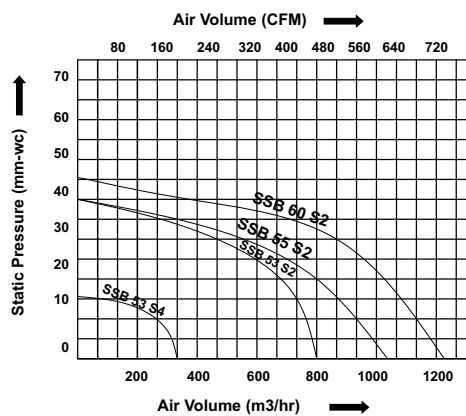


Dimensional details

TYPE	A	B	C	D	E	F	G	H	I	J
SDB 53 S2	122	98	110	50	96	72	342	145	140	148
SDB 53 S4	122	98	110	50	96	72	342	145	140	148
SDB 55 S2	162	96	148	84	135	70	420	145	139	145
SDB 60 S2	125	120	110	50	96	94	345	150	160	170

Note: ALL DIMENSIONS ARE IN mm

Performance Chart



Blower / Centrifugal Fans

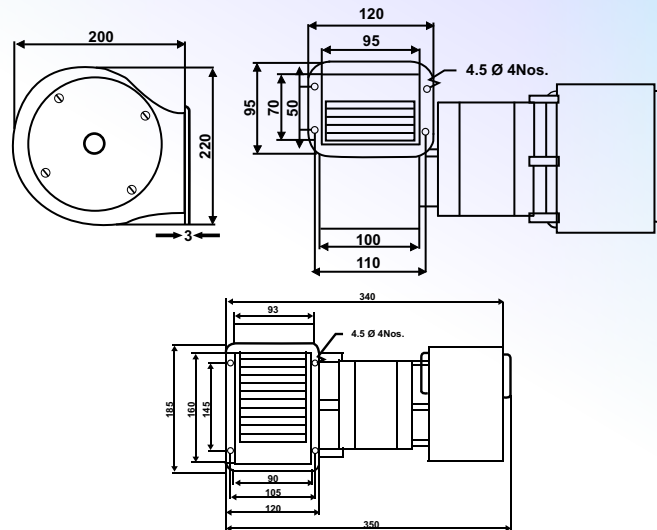
CONVENTIONAL TRIPLE INLET DOUBLE BLOWER



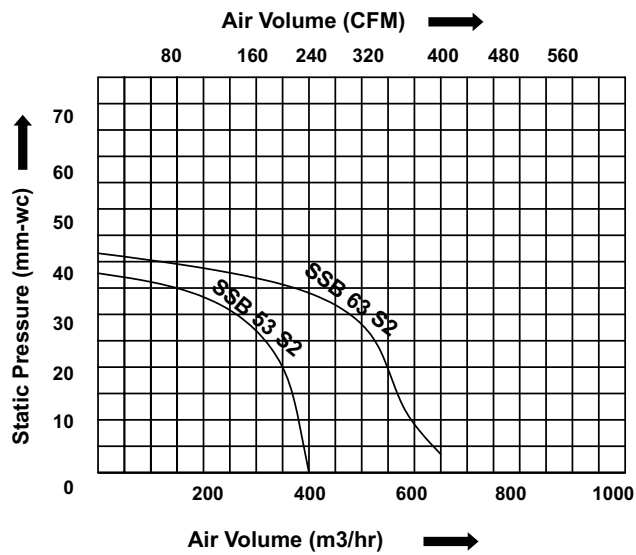
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SDB 63 53 S2	230V, 1Ø, 50Hz	0.85	200	2600	650/400	380/235	42/38	75	5	75	5.3

Product Drawing



Performance Chart



Blower / Centrifugal Fans

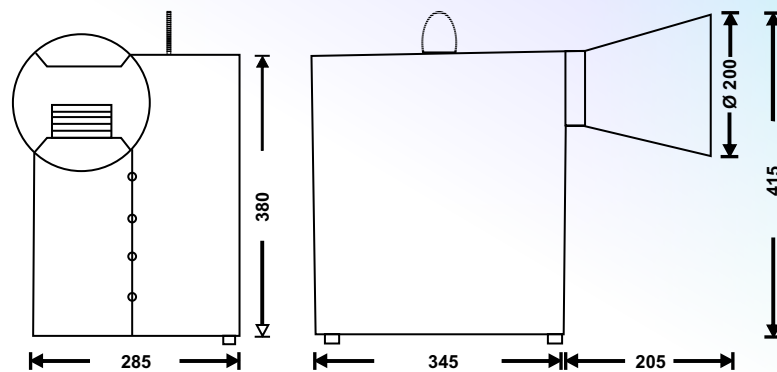
CONVENTIONAL PORTABLE BLOWER



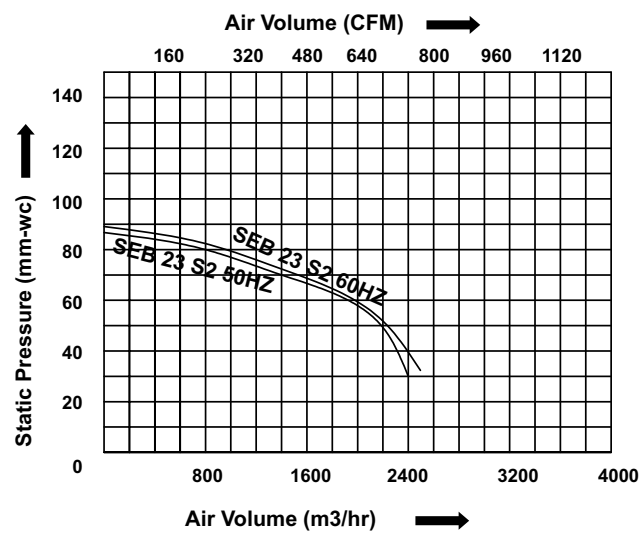
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SEB 23 S2	230V, 1Ø, 50Hz	7	1500	2800	2500	1471	85	77	25	65	21
SEB 23 S2	230V, 1Ø, 60Hz	9	2100	2850	2600	1529	88	80	25	65	22

Product Drawing



Performance Chart



Blower / Centrifugal Fans

SINGLE INLET BACKWARD CURVED IMPELLER 14-25 SERIES

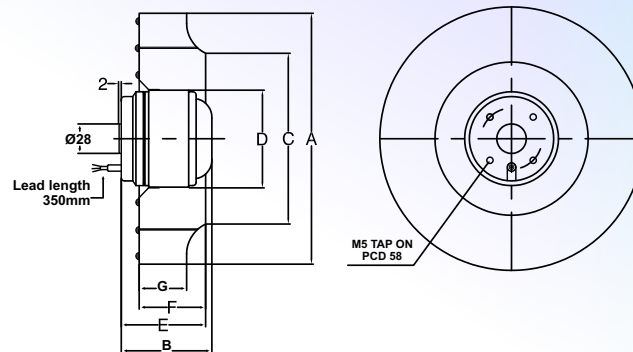


Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SBC 14 S2	230	0.08	25	2750	290	171	17	50	1	70	0.9
SBC 19 S2	230	0.25	75	2550	570	335	32	62	2	70	1.2
SBC 19 S4	230	0.21	28	1340	300	176	12	54	2	70	1.2
SBC 19 T2	415	0.2	120	2550	570	335	32	55	..	70	1.2
SBC 22 S2	415	0.4	110	2700	885	521	42	72	2	70	2
SBC 23 S2	230	0.55	130	2650	1200	706	55	70	4	70	2.5
23BC 1BT	230	0.53	130	2650	1200	706	55	70	4	70	7
23BC 3BT	415	0.25	140	2650	1200	706	55	70	..	70	7
SBC 25 S4	230	0.2	43	1400	810	476	18	61	2	70	2.2
SBC 25 S2/35	230	0.6	140	2650	1230	724	52	73	4	70	2.6
SBC 25 S2/45	230	0.7	155	2600	1450	853	57	75	5	70	3.1

Product Drawing

CENTIFUGAL FAN (Backward curved Impeller)

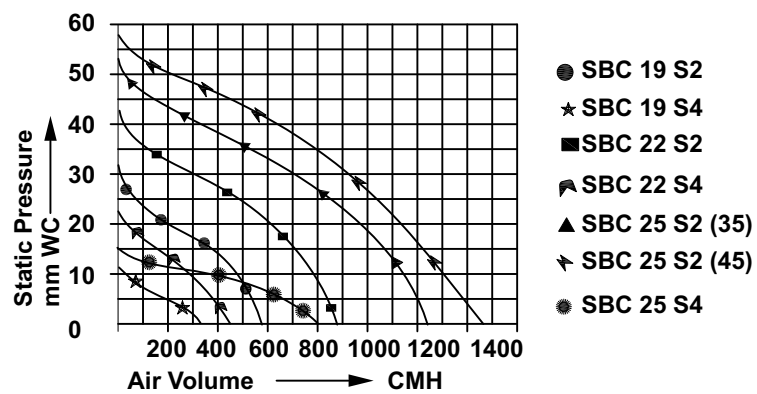


Dimensional details

TYPE	B	C	D	E	F	G	H
SBC 14 S2	133	65	93	72	91	61	41
SBC 19 S2/S4/T2	190	63	132	92	69	62	46
SBC 22 S2/S4	220	73	159	92	71	65	45
SBC 23 S2/T2	225	87	153	92	99	89	63
SBC 25 S4	250	73	172	92	89	74	45
SBC 25 S2/35	250	83	172	92	89	74	45
SBC 25 S2/45	250	93	172	92	89	74	45

Note: ALL DIMENSIONS ARE IN mm

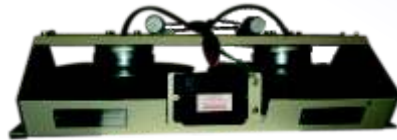
Performance Chart



Blower / Centrifugal Fans

BACKWARD CURVED IMPELLER-8EC SERIES

2C8EC



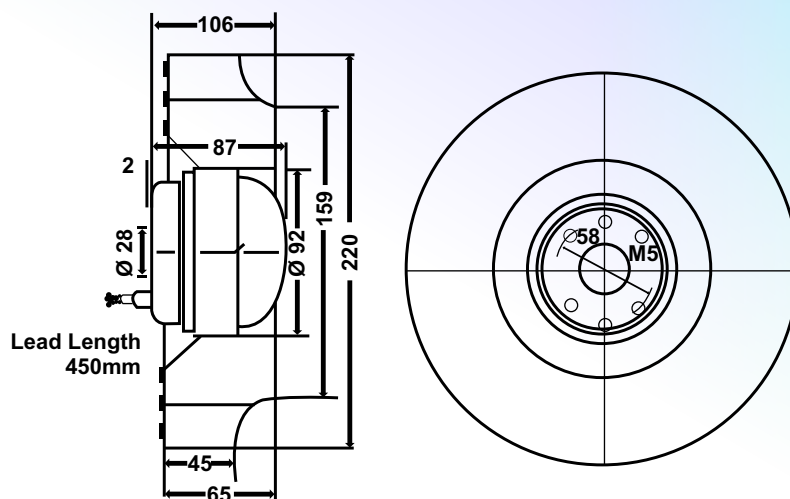
1C8EC



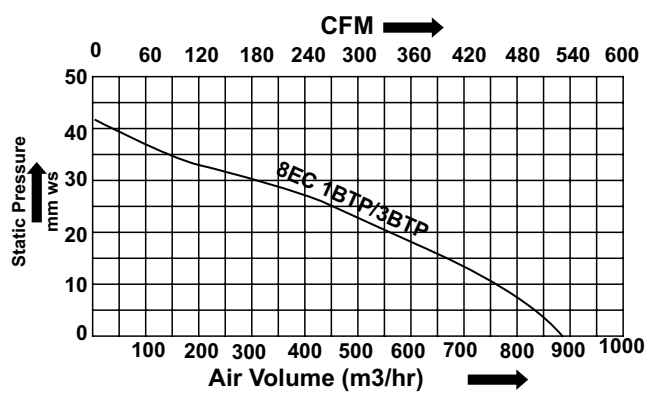
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
8 EC 1BTP	230	0.6	110	2700	880	518	42	65	3.15	65	2.5
8 EC 3BTP	415	0.2	100	2700	880	518	42	65	..	65	2.5
1C-8 EC 1BTP	230	0.6	110	2700	880	518	42	66	3.15	65	6
1C-8 EC 3BTP	415	0.2	120	2700	880	518	42	66	..	65	6
2C-8 EC 1BTP	230	1.2	240	2700	1760	1035	42	80	3.15	65	9.1
2C-8 EC 3BTP	415	0.4	180	2700	1760	1035	42	80	..	65	9.1

Product Drawing

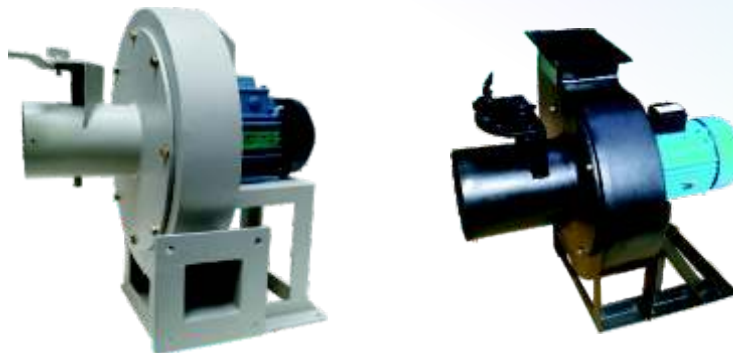


Performance Chart



Blower / Centrifugal Fans

HEAVY DUTY CENTRIFUGAL BLOWER

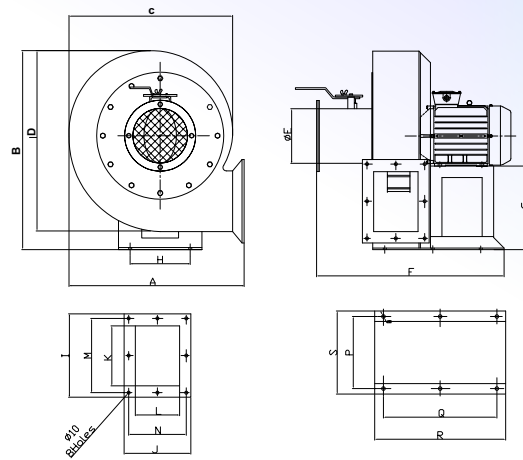


Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT	
					(CMH)	(CFM)
IM 200 T4-0.5HP	415V, 3Ø, 50Hz	0.8	375	1400	1000	588
IM 200 T2-0.5HP	415V, 3Ø, 50Hz	0.8	375	2800	2000	1176
IM 250 T4-1HP	415V, 3Ø, 50Hz	1.7	750	1400	1300	765
IM 250 T2-1HP	415V, 3Ø, 50Hz	1.7	750	2800	2650	1559
IM 300 T4-2HP	415V, 3Ø, 50Hz	3.2	1500	1400	1800	1059
IM 300 T2-2HP	415V, 3Ø, 50Hz	3.2	1500	2800	3600	2118
IM 350-3HP	415V, 3Ø, 50Hz	4.5	2250	2800	4000	2353
IM 550 -4HP	415V, 3Ø, 50Hz	6	3000	2800	5750	3382

Product Drawing

RADIAL BLOWERS (HEAVY DUTY)



Dimensional details

TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
IM 200 0.5HP	410	495	375	385	80	430	250	190	200	155	135	90	172	125	190	225	285	210
IM 250 -1HP	425	490	380	425	165	620	210	220	242	242	170	170	212	212	230	320	400	262
IM 300 -2HP	590	700	545	600	200	615	345	210	280	220	208	146	255	195	240	330	400	270

Axial Fans

AXIAL FAN EXTERNAL ROTOR PRESS FIT IMPELLER

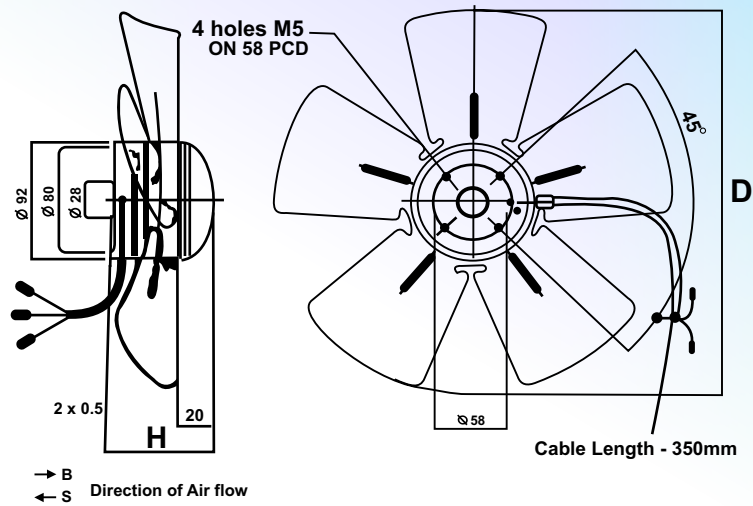


Technical Specification

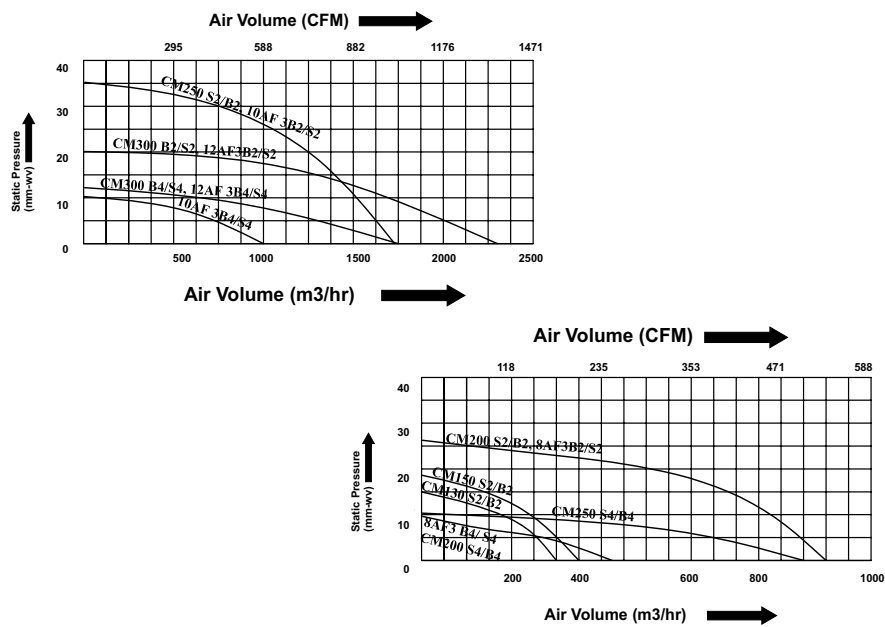
TYPE	SUPPLY	AMPS A	WATTS (W)	RPM	OUTPUT		Static Pr (mm-wc)	dBA	Cap. µf	Fan Dia D(mm)	Height H(mm)	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)							
CM 130 S2/B2	230V, 1Ø, 50Hz	0.08	25	2750	300	176	16	50	1	128	65	70	1.05
CM 150 S2/B2	230V, 1Ø, 50Hz	0.1	30	2750	350	206	20	52	1.5	148	65	70	1.05
CM 200 S4/B4	230V, 1Ø, 50Hz	0.2	55	1400	425	250	8	50	1.5	197	78	60	2
CM 200 S2/B2	230V, 1Ø, 50Hz	0.3	60	2750	900	529	26	65	2	197	78	75	2.25
8AF 3B4/S4	415V, 3Ø, 50Hz	0.35	50	1400	425	250	8	50	..	197	78	60	2
8AF 3B2/S2	415V, 3Ø, 50Hz	0.2	90	2800	900	529	26	65	..	197	78	75	2
CM 250 S4/B4	230V, 1Ø, 50Hz	0.25	65	1400	850	500	10	50	2.5	248	87	60	2.25
CM 250 S2/B2	230V, 1Ø, 50Hz	0.6	140	2600	1700	1000	35	72	3.15	248	87	75	2.25
10AF 3B2/S2	415V, 3Ø, 50Hz	0.25	130	2650	1700	1000	35	72	..	248	87	75	2.25
10AF 3B4/S4	415V, 3Ø, 50Hz	0.25	80	1475	1000	588	9	50	..	248	87	60	2
CM 300 B4/S4	230V, 1Ø, 50Hz	0.3	75	1400	1750	1029	12	64	3.15	298	88	60	2.5
12AF 3B4/S4	415V, 3Ø, 50Hz	0.35	140	1350	1750	1029	12	64	..	298	88	60	2.5
CM 300 B2/S2	230V, 1Ø, 50Hz	0.7	165	2450	2300	1353	20	65	4	298	88	65	2.5
12AF 3B2/S2	415V, 3Ø, 50Hz	0.4	190	2450	2300	1353	20	73	..	298	88	65	2.5

Note: 'S' indicates Suction type, 'B' indicates Blowing type

Product Drawing

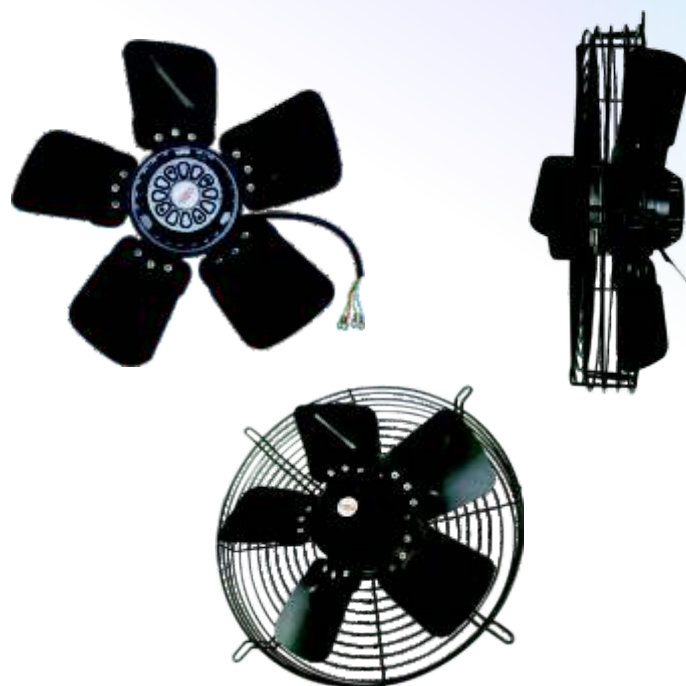


Performance Chart



Axial Fans

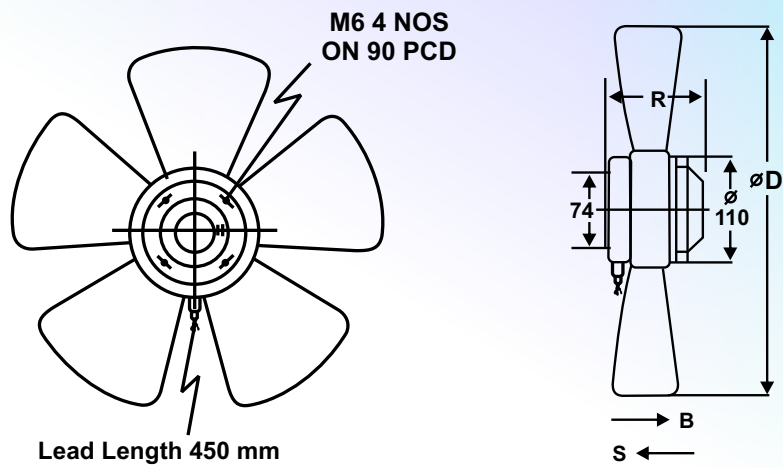
AXIAL FAN EXTERNAL ROTOR RIVETED IMPELLER



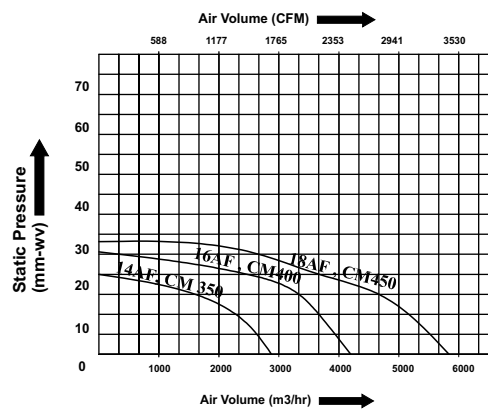
Technical Specification

TYPE	SUPPLY	AMPS A	WATTS (W)	RPM	OUTPUT		Static Pr (mm-wc)	dBA	Cap. µf	Fan Dia D(mm)	Height H(mm)	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)							
CM 350 B4/S4	230V, 1Ø, 50Hz	0.65	165	1400	2900	1706	22	64	5	348	110	60	4
CM 400 B4/S4	230V, 1Ø, 50Hz	1	220	1350	4200	2471	26	69	6	398	120	60	4.5
14AF 3B4/S4	415V, 3Ø, 50Hz	0.4	175	1400	2900	1706	22	64	..	348	110	60	4
16AF 3B4/S4	415V, 3Ø, 50Hz	0.5	220	1350	4200	2471	26	69	..	398	120	60	4.5
18AF 3B4/S4	415V, 3Ø, 50Hz	0.6	280	1350	5800	3412	28	68	..	446	135	60	5.7

Product Drawing



Performance Chart



Axial Fans

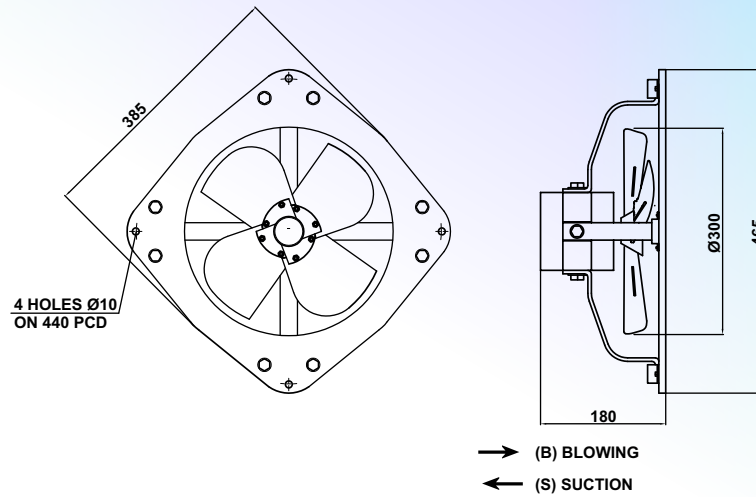
CONVENTIONAL TYPE EXHAUST FAN



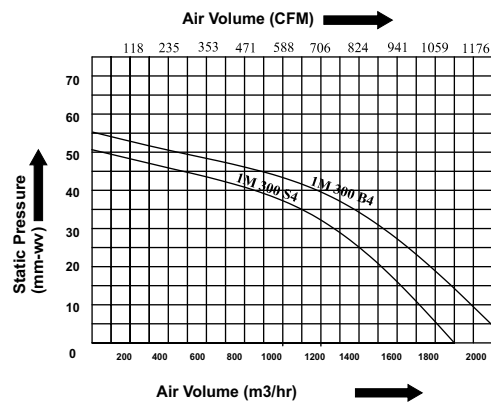
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
IM 300 S4	230V, 1Ø, 50Hz	0.3	75	1440	1900	1118	50	68	2	60	4.6
IM 300 B4	230V, 1Ø, 50Hz	0.3	80	1440	2200	1294	55	68	2	60	4.6

Product Drawing



Performance Chart



Motors

INDUCTION MOTORS

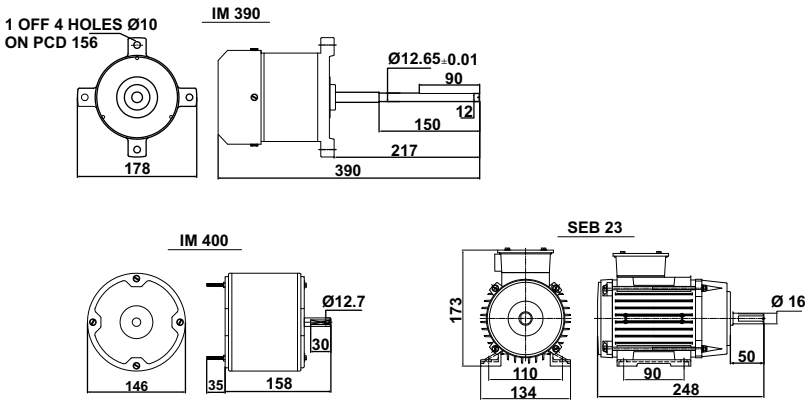


Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	Cap. μ f	Admissible Ambient Temp:	Weight Kg
IM 390 S4	230V, 1Ø, 50Hz	0.5	110	1400	4	60	6
IM 390 T4	415V, 3Ø, 50Hz	0.4	100	1400	..	60	6
IM 400 S4	230V, 1Ø, 50Hz	0.45	100	1450	3.15	60	6.5
IM 23 S4	230V, 1Ø, 50Hz	1.25	150	1450	12.5	60	8.5
IM 23 S2	230V, 1Ø, 50Hz	2.2	350	2900	25	60	8.2

Note: All the above values obtained in no load condition

Product Drawing



Motors

PUMP MOTORS



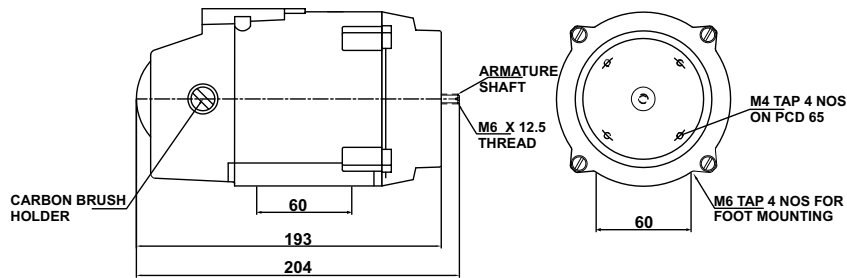
Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	dBA	Admissible Ambient Temp:	Weight Kg
S.M-1	230V, 1Ø, 50Hz	0.55	140	14000	88	60	3.6
S.M-2	230V, 1Ø, 50Hz	0.65	170	16000	88	60	4.2
S.M-3	230V, 1Ø, 50Hz	1.6	375	17000	95	60	2.5

Note: Values obtained in no load condition

Product Drawing

SM 1, SM 2



Special purpose Fans

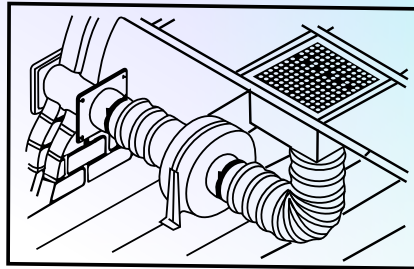
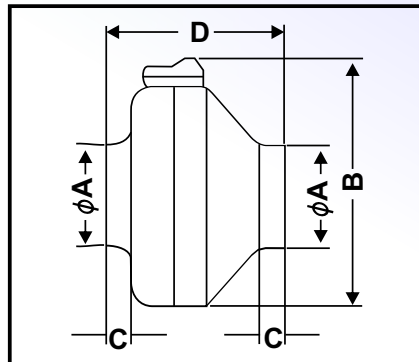
INLINE DUCT FAN



Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		Static-Pr (mm-wc)	dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)					
SID 100 S2	230V, 1Ø, 50Hz	0.4	100	2450	300	176	30	52	2	70	3.5
SID 100 S4	230V, 1Ø, 50Hz	0.3	70	1400	175	103	16	52	2	70	3.5
SID 150 S2	230V, 1Ø, 50Hz	0.45	120	2600	650	382	38	54	2.5	70	4.5
SID 150 T2	415V, 3Ø, 50Hz	0.17	85	2600	650	382	38	56	..	70	4.5
SID 200 S2	230V, 1Ø, 50Hz	0.6	150	2600	1100	647	50	60	4	70	6
SID 200 T2	415V, 3Ø, 50Hz	0.3	150	2500	1120	659	50	60	..	70	6
SID 250 S2	230V, 1Ø, 50Hz	0.65	160	2650	1600	941	55	63	5	70	6.2

Product Drawing

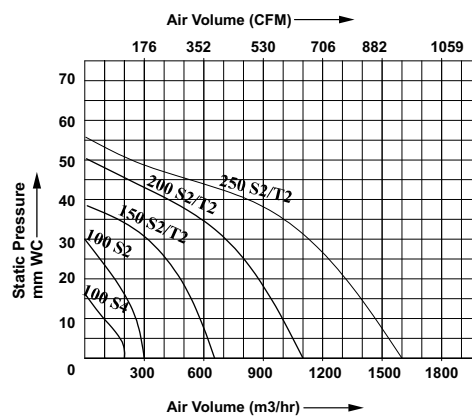


Dimensional details

TYPE	A	B	C	D
SID 100 S2/S4	97	320	30	240
SID 150 S2/T2	147	360	30	250
SID 200 S2/T2	197	404	35	250
SID 250 S2	247	404	35	260

Note: ALL DIMENSIONS ARE IN mm

Performance Chart

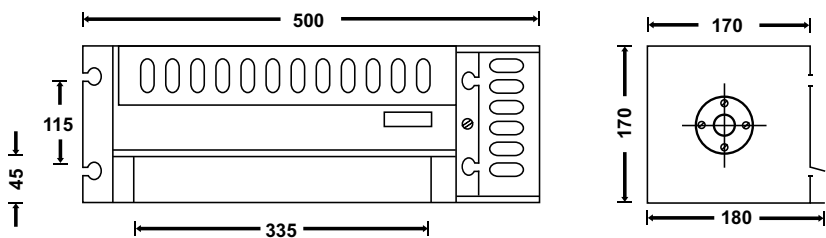


Special purpose Fans

CROSS FLOW FAN



Product Drawing



Technical Specification

TYPE	I/P SUPPLY	AMPS (A)	WATTS (W)	RPM	OUTPUT		dBA	Cap. µf	Admissible Ambient Temp:	Weight Kg
					(CMH)	(CFM)				
SCF 125 S4	230V, 1Ø, 50Hz	0.2	40	1400	475	279	50	2.5	65	5.5
SCF 150 S4	230V, 1Ø, 50Hz	0.3	80	1350	550	324	50	3.15	65	8.5

Fan Applications:

- Refrigeration & Air conditioning
- Dust Extraction Equipments
- Roof Extractors
- Thyristor Cooling
- Fume Extractor
- Condenser Cooling
- Duct Booster
- Welding Fume Removal
- Kitchen Exhaust
- Humidity & Moisture Control
- Welding Transformers & Rectifiers
- Electronic Equipments
- Control Panels
- Deep Freezers
- Water Coolers
- Elevator Cabins
- Variable Frequency Drive Motors
- Forced Ventilation
- Smoke Extraction
- Power Transformer Cooling

Blower Applications:

- Plastic Extrusion
- Clean Air Equipment
- Freezer Air Circulation
- Air to Air Heat Exchanger or Heat Extractors
- Forced Cooling
- Gas Burners
- Reprographic Printing
- Xenon Lamps
- Air Purifying
- Clean Air Cabinets
- Welding Bench
- Data Processing Machines
- Central Ventilating Appliances
- Inflatables
- Clean Room Industries
- Pharmaceutical Industries



HEAVY DUTY
CENTRIFUGAL BLOWERS



DOUBLE INLET BLOWERS



INLINE DUCT FANS



AXIAL FANS
RIVITED IMPELLER



PORTABLE BLOWER
CONVENTIONAL TYPE



DOUBLE BLOWER
WITH DOUBLE INLETS



INDUCTION MOTORS



SINGLE INLET BACKWARD
CURVED PLASTIC IMPELLER



AXIAL FANS PRESS FIT IMPELLER



PUMP MOTOR



EXHAUST FANS



SINGLE INLET BLOWERS

CUSTOMIZED MODELS



Cab Heater Cooling



Panel Cooling



For welding machine



Thyrister Cooling Unit



Forced Cooling Unit

Technical Specification

TYPE	APPLICATION	I/P SUPPLY	SPECIALITY
SDB 55 T4/TG	Cab Heater Cooling	40V, 3Ø, 50Hz	40V, 3Ø, SS Components
SDB 133 T4/IE	Panel Cooling	415V, 3Ø, 50Hz	SS components, Fully customised casing
CM 200 S2 SPL	Welding Machine	230V, 1Ø, 50Hz	Spl type casing and impeller
SDB 180 S2 SPL	Thyrister (IGBT) Cooling	230V, 1Ø, 50Hz	Spl type casing with customised extra fittings
Frame-80 to Frame-400	Forced Cooling Units	(415V, 3Ø, 50Hz) and (230V, 1Ø, 50Hz)	Custom built casing mainly used in VFD motor cooling, Casing Dia upto 750mm



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