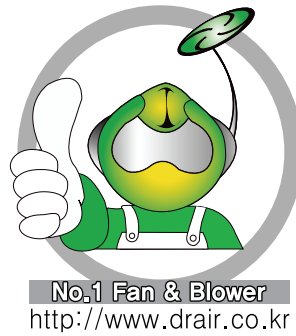


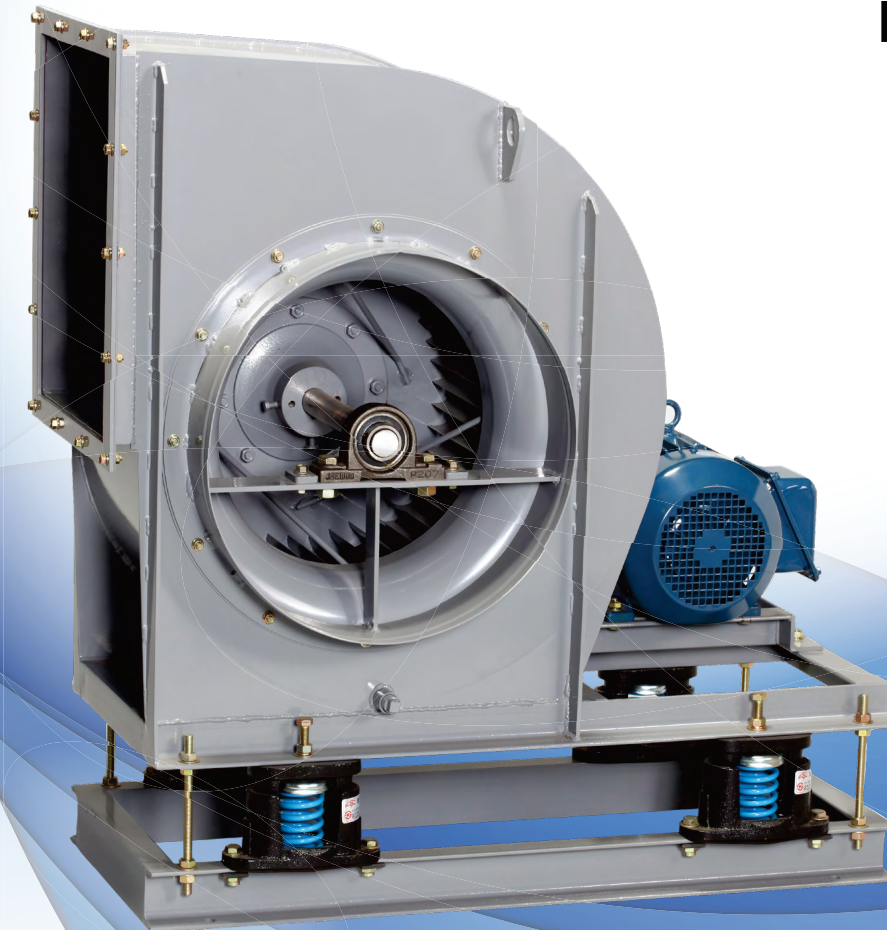
본 제품의 규격은 품질개선을 위하여 예고없이 변경될 수 있으므로 제품구입시 문의 바랍니다.
Since specifications of products can be changed without inform in order to improve the quality, please call us to confirm them.



자연과 환경, 그리고 사람을 생각하는 브랜드

DR 환기송풍기 CENTRIFUGAL FAN DR-SFS series

May 2016 (Rev.00)



 **대륜산업주식회사**
Dae Ryun Ind. Co., Ltd.

본사/공장 565-902 전라북도 완주군 봉동읍 완주산단7로115 (둔산리 926-3번지)
TEL (063)262-5100 FAX (063)262-5107
서울사업소 445-862 경기도 화성시 마도면 마도로 608 (청원리 32-1번지)
TEL (031)8047-5161 FAX (031)8047-5163
고객서비스센터 1644-5153



 **대륜산업주식회사**
Dae Ryun Ind. Co., Ltd.

INDEX

1. Index, AMCA Seal Information	----- 2 PAGE
2. Product Characteristic	----- 3 PAGE
3. Overall Dimensions	----- 4 PAGE
4. Performance Curves and Sound Data	----- 5 ~ 11 PAGE



대륜산업(주)가 획득한 DR-SFS SERIES SIROCCO FAN의 AMCA seal에 대한 내용입니다. 등급표시는 AMCA 211과 AMCA 311에 의거 테스트 및 절차에 따른 것이며, AMCA 보증프로그램의 요구사항과 일치합니다.

"Dae-Ryun Ind. Co., Ltd." certifies that the "DR-SFS" Sirocco Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program."



형상

IMPELLER FORWARD CURVE TYPE(전곡형)

특징

- 익 현장이 짧으며 날개폭이 넓고 익수가 많음
- 같은 주속도의 다른 FAN보다 풍량이 많음
- 풍압 60mmAq 이하의 저압에서 저속으로 정속운전이 가능함
- 특성곡선상의 정압곡선이 다른 원심형 송풍기에 비하여 완만하기 때문에 풍량변동에 대한 풍압의 변화가 적고, 따라서 여러개의 급·배기할 경우, 그 일부를 패쇄하여도 큰 영향을 받지 않음
- 일정회전수 아래에서 소요동력이 풍량의 증가에 따라서 점차 증가됨
- 다른 원심형 송풍기에 비하여 가격이 저렴함

※ KS 인증업체 <KS B 6326-편 흡입식045(450)>

용도

- 일 반 급·배기, 송풍 난방 냉방, 건조용등 그 사용범위가 매우 넓음

송풍기 회전방향 (흡입구 측 기준으로 바라본 토출구 위치)

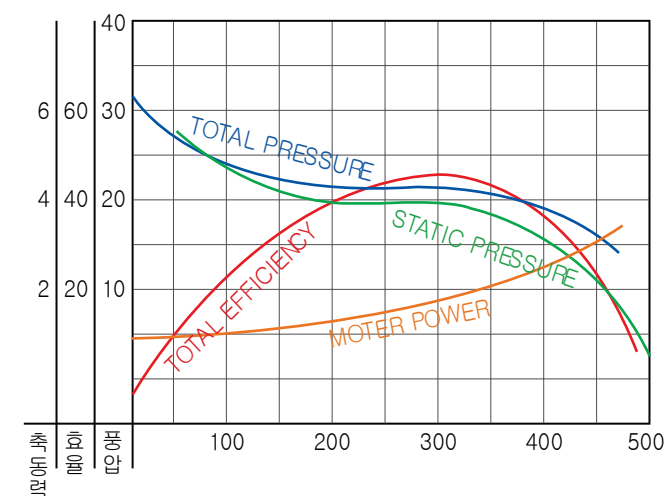
A	B	C	D	E	F	G	H
1-W	2-Z	3-W	4-Z	5-W	5-Z	6-W	6-Z

송풍기의 모델명 읽는 방법 예시

모 델 명 : DR - SF #3 S D

DR - 대륜산업(주) (Dae-Ryun Ind. Co., Ltd.)
 SF - 베어링 지지방법 (D:양지형 / S:편지형)
 #3 - Single Suction (D:양흡입형 / S:편흡입형)
 S - Impeller의 외경등을 6inch로 나눈값 (Fan No.)
 D - Fan 기종 (Sirocco Fan)
 D - 제작회사 표기 (대륜산업의 약자)

SIROCCO FAN의 특징



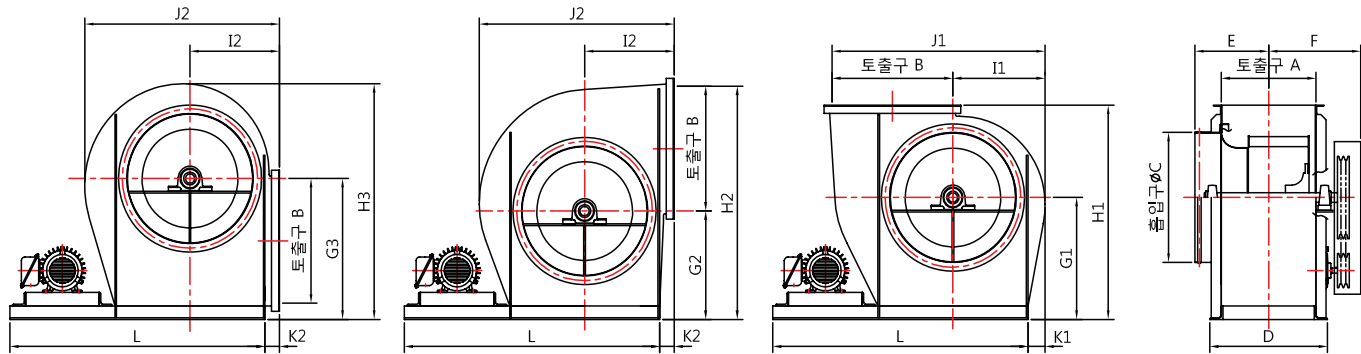
- 압력곡선은 풍량 0"의 첫점에서 최고의 압력을 나타내고 풍량증가와 함께 압력이 감소하여 곡부를 형성하지만 더욱 풍량이 증가하면 압력이 상승해서 산을 이루며 차차 압력이 저감되는 형이 됨
- 그러나 축류 송풍기보다 많이 누워있으므로 풍량의 변화에 대하여 풍압의 변화가 적어 병렬 운전에는 부적합함
- 효율은 대체적으로 낮은편임
- 동력곡선은 풍량 0"에서 최저를 나타내고 풍량증가와 함께 급속히 증가하는 형상을 가지므로 전동기 출력선정에 여유를 가질 필요가 있음

벨트 구동형 시로코팬 (편흡입)

Belt driven Sirocco Fan

▶ 편흡입 시로코팬 규격표

외형도



규격표

MODEL	토출구		흡입구	FAN 베이스 폭	FAN 폭		센터높이			FAN 높이			FAN 상부 길이				FAN 베이스 길이 (모터용량에 따라 길이가 변경됨)		
	A	B	C	D	E	F	G1	G2	G3	H1	H2	H3	I1	I2	J1	J2	K1	K2	L
DR-SF#2SD	240	305	320	328	210	290	310	280	355	550	585	595	240	240	545	510	40	40	860
DR-SF#2.5SD	300	380	400	388	240	320	385	345	440	660	725	735	295	275	675	610	45	25	940
DR-SF#3SD	360	460	480	448	280	390	450	400	520	790	860	870	350	340	810	740	65	55	1020
DR-SF#3.5SD	420	530	560	508	310	420	520	460	590	910	990	1000	410	390	940	860	75	55	1120
DR-SF#4SD	480	610	640	560	340	470	585	515	670	1030	1125	1135	465	445	1075	980	85	65	1260
DR-SF#4.5SD	540	690	720	620	370	510	680	600	775	1175	1290	1300	525	495	1215	1100	95	65	1460
DR-SF#5SD	600	760	800	680	400	550	745	655	845	1295	1415	1425	580	550	1340	1220	100	70	1560

*상기 자료는 품질관리를 위해 예고없이 변경될 수 있습니다.



벨트 구동형 시로코팬 (편흡입)

Belt driven Sirocco Fan

성능곡선

Dae-Ryun Ind. Co., LTD

DR-SFS Series

Model : DR-SF#2SD

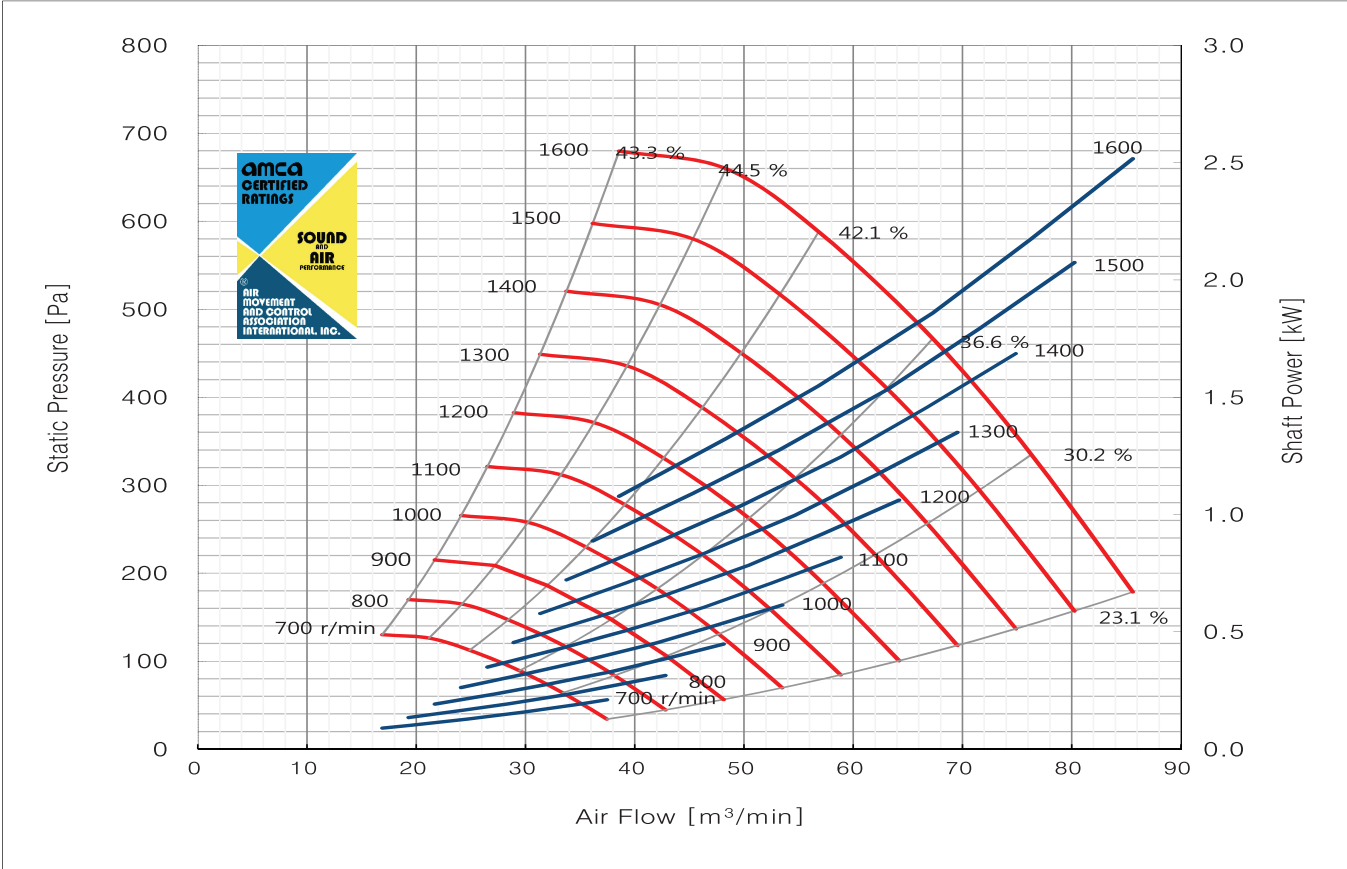
Wheel DIA. : 300mm

Outlet Dim : 240 X 305 mm

Outlet Area : 0.073 m²

Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]	Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]
1	700	79	34	37	0.22	23.1	10.1	82	1	800	103	45	42	0.32	23.1	10.1	85
2		101	64	33	0.19	30.2	19.6	80	2		131	84	38	0.28	30.2	19.6	84
3		118	89	29	0.16	36.6	28.1	78	3		155	117	33	0.24	36.6	28.1	82
4		134	113	24	0.13	42.1	35.9	76	4		175	147	28	0.20	42.1	35.9	80
5		143	126	21	0.12	44.5	40.1	76	5		186	165	24	0.17	44.5	40.1	80
6		141	130	16	0.10	43.3	40.5	77	6		185	170	19	0.14	43.3	40.5	79
1	900	131	57	48	0.45	23.1	10.1	87	1	1000	162	70	53	0.62	23.1	10.1	89
2		166	106	42	0.39	30.2	19.6	85	2		205	131	47	0.54	30.2	19.6	87
3		196	148	37	0.34	36.6	28.1	83	3		241	182	42	0.46	36.6	28.1	85
4		222	186	31	0.28	42.1	35.9	81	4		274	230	35	0.38	42.1	35.9	83
5		236	209	27	0.24	44.5	40.1	82	5		291	258	30	0.33	44.5	40.1	84
6		234	215	21	0.20	43.3	40.5	79	6		289	266	24	0.27	43.3	40.5	81
1	1100	196	84	58	0.82	23.1	10.1	91	1	1200	233	101	64	1.07	23.1	10.1	93
2		248	158	52	0.71	30.2	19.6	89	2		296	188	57	0.92	30.2	19.6	91
3		292	221	46	0.61	36.6	28.1	87	3		348	263	50	0.79	36.6	28.1	89
4		331	278	39	0.51	42.1	35.9	85	4		394	331	42	0.66	42.1	35.9	87
5		352	312	33	0.44	44.5	40.1	86	5		419	371	36	0.56	44.5	40.1	87
6		349	321	26	0.36	43.3	40.5	83	6		416	382	28	0.46	43.3	40.5	85
1	1300	273	118	69	1.35	23.1	10.1	101	1	1400	317	137	74	1.69	23.1	10.1	102
2		347	221	61	1.17	30.2	19.6	99	2		402	256	66	1.46	30.2	19.6	100
3		408	308	54	1.00	36.6	28.1	96	3		473	357	58	1.25	36.6	28.1	97
4		463	388	46	0.84	42.1	35.9	94	4		537	450	49	1.04	42.1	35.9	95
5		492	436	39	0.71	44.5	40.1	93	5		571	505	42	0.89	44.5	40.1	94
6		488	449	31	0.58	43.3	40.5	92	6		566	521	33	0.73	43.3	40.5	93
1	1500	364	157	80	2.08	23.1	10.1	103	1	1600	414	179	85	2.52	23.1	10.1	104
2		462	294	71	1.80	30.2	19.6	101	2		525	335	76	2.18	30.2	19.6	102
3		543	410	63	1.54	36.6	28.1	98	3		618	467	67	1.86	36.6	28.1	99
4		616	517	53	1.28	42.1	35.9	96	4		701	588	56	1.55	42.1	35.9	97
5		655	580	45	1.10	44.5	40.1	96	5		745	660	48	1.33	44.5	40.1	97
6		650	598	36	0.89	43.3	40.5	94	6		739	680	38	1.08	43.3	40.5	95

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301.
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



*상기 자료는 품질관리를 위해 예고없이 변경될 수 있습니다.

벨트 구동형 시로코팬 (편흡입)

Belt driven Sirocco Fan

성능곡선

Dae-Ryun Ind. Co., LTD

DR-SFS Series

Model : DR-SF#2.5SD

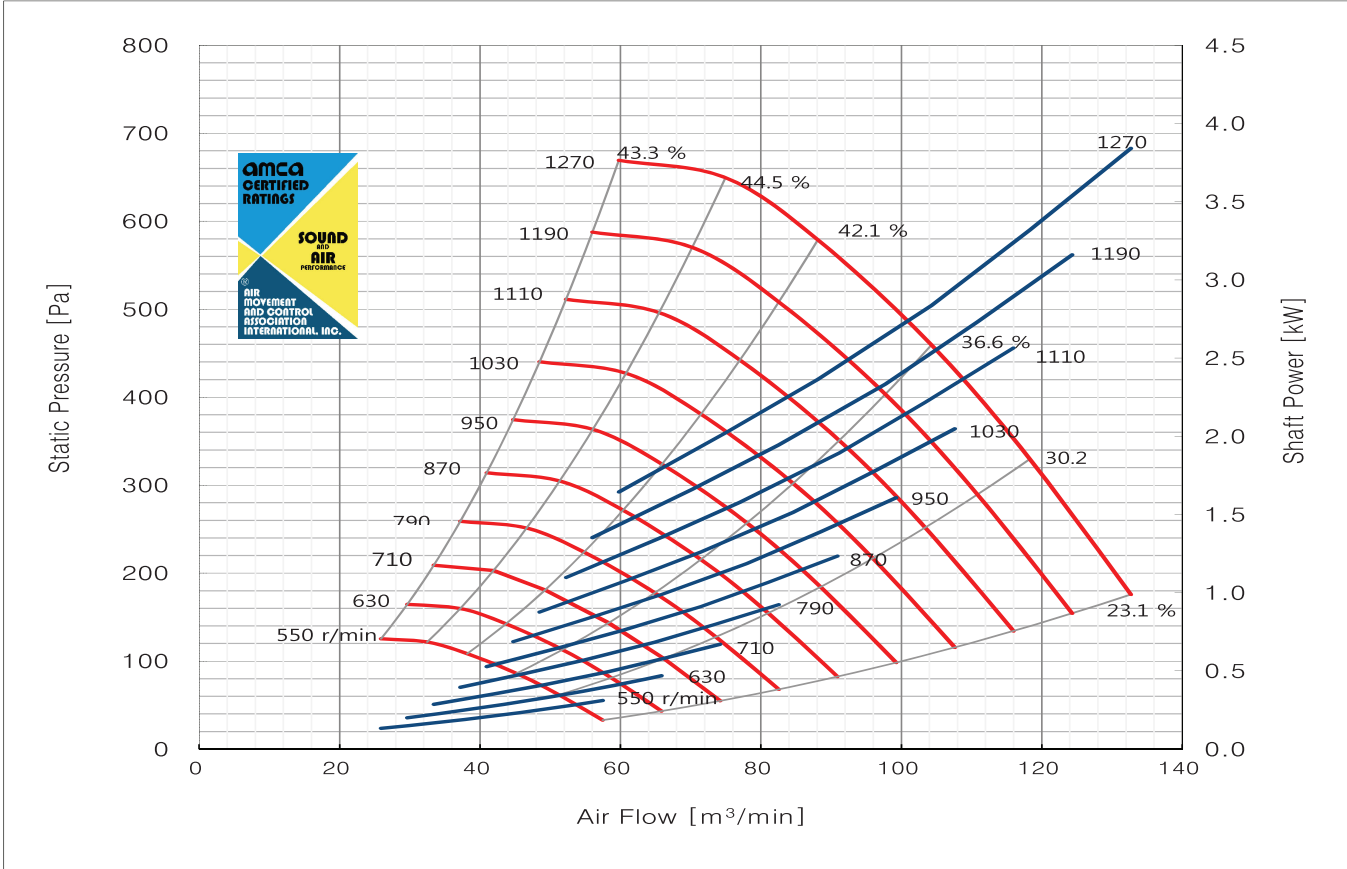
Wheel DIA. : 375mm

Outlet Dim : 300 X 380 mm

Outlet Area : 0.114 m²

Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]	Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]
1	550	76	33	57	0.32	23.1	10.1	81	1	630	100	43	65	0.47	23.1	10.1	84
2		97	62	51	0.27	30.2	19.6	78	2		127	81	58	0.41	30.2	19.6	82
3		114	86	45	0.24	36.6	28.1	76	3		150	113	51	0.35	36.6	28.1	79
4		129	109	38	0.20	42.1	35.9	74	4		170	142	43	0.29	42.1	35.9	77
5		138	122	32	0.17	44.5	40.1	76	5		181	160	37	0.25	44.5	40.1	78
6		136	126	25	0.14	43.3	40.5	72	6		179	165	29	0.21	43.3	40.5	75
1	710	127	55	74	0.68	23.1	10.1	89	1	790	158	68	82	0.93	23.1	10.1	91
2		162	103	66	0.59	30.2	19.6	87	2		200	128	73	0.80	30.2	19.6	89
3		190	144	58	0.50	36.6	28.1	85	3		235	178	64	0.69	36.6	28.1	87
4		216	181	49	0.42	42.1	35.9	83	4		267	224	54	0.57	42.1	35.9	85
5		229	203	41	0.36	44.5	40.1	84	5		284	251	46	0.49	44.5	40.1	86
6		227	209	33	0.29	43.3	40.5	82	6		281	259	37	0.40	43.3	40.5	84
1	870	191	83	90	1.24	23.1	10.1	93	1	950	228	98	99	1.61	23.1	10.1	95
2		243	155	81	1.07	30.2	19.6	91	2		289	185	88	1.39	30.2	19.6	93
3		286	216	71	0.92	36.6	28.1	89	3		341	257	78	1.19	36.6	28.1	90
4		324	272	60	0.77	42.1	35.9	87	4		386	324	65	0.99	42.1	35.9	89
5		344	305	51	0.65	44.5	40.1	88	5		411	363	56	0.85	44.5	40.1	89
6		341	314	40	0.53	43.3	40.5	86	6		407	375	44	0.69	43.3	40.5	87
1	1030	268	116	107	2.05	23.1	10.1	97	1	1110	311	134	115	2.57	23.1	10.1	98
2		340	217	95	1.78	30.2	19.6	94	2		395	252	103	2.22	30.2	19.6	96
3		400	302	84	1.52	36.6	28.1	92	3		465	351	91	1.90	36.6	28.1	94
4		454	381	71	1.27	42.1	35.9	90	4		527	442	76	1.58	42.1	35.9	92
5		483	427	60	1.08	44.5	40.1	91	5		561	496	65	1.35	44.5	40.1	92
6		479	440	48	0.88	43.3	40.5	89	6		556	511	52	1.10	43.3	40.5	90
1	1190	358	154	124	3.17	23.1	10.1	100	1	1270	408	176	132	3.85	23.1	10.1	101
2		454	290	110	2.74	30.2	19.6	98	2		517	330	118	3.33	30.2	19.6	99
3		534	403	97	2.34	36.6	28.1	95	3		609	459	104	2.84	36.6	28.1	97
4		606	508	82	1.95	42.1	35.9	93	4		690	579	88	2.37	42.1	35.9	95
5		644	570	70	1.67	44.5	40.1	94	5		734	650	74	2.03	44.5	40.1	95
6		639	588	55	1.36	43.3	40.5	91	6		727	669	59	1.65	43.3	40.5	93

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



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벨트 구동형 시로코팬 (편흡입)

Belt driven Sirocco Fan

성능곡선

Dae-Ryun Ind. Co., LTD

DR- SFS Series

Model : DR- SF#3SD

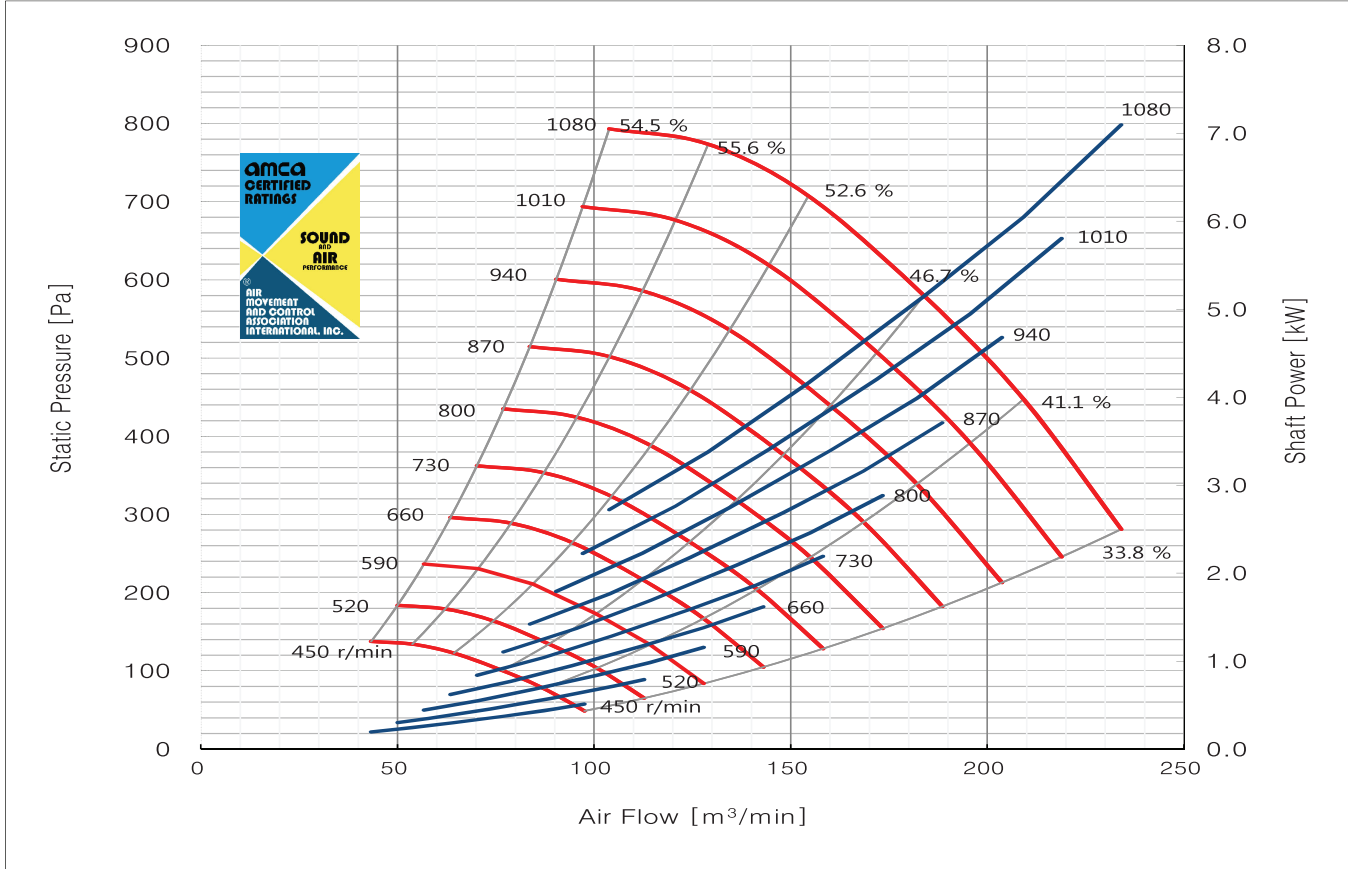
Wheel DIA. : 450 mm

Outlet Dim : 360 X 460 mm

Outlet Area : 0.165 m²

Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]	Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]
1	450	109	49	98	0.52	33.8	15.5	81	1	520	145	65	112	0.80	33.8	15.5	84
2		126	78	87	0.44	41.1	25.8	79	2		168	104	100	0.68	41.1	25.8	82
3		139	101	76	0.38	46.7	34.5	77	3		185	134	88	0.58	46.7	34.5	81
4		151	123	64	0.31	52.6	43.7	75	4		201	164	74	0.47	52.6	43.7	79
5		155	134	53	0.25	55.6	49.2	77	5		206	179	62	0.38	55.6	49.2	80
6		152	138	43	0.20	54.5	50.4	78	6		203	184	49	0.31	54.5	50.4	81
1	590	187	84	127	1.16	33.8	15.5	87	1	660	234	105	143	1.62	33.8	15.5	90
2		217	134	114	0.99	41.1	25.8	85	2		271	167	127	1.39	41.1	25.8	88
3		239	173	100	0.84	46.7	34.5	84	3		298	217	112	1.18	46.7	34.5	86
4		259	211	84	0.68	52.6	43.7	81	4		324	264	94	0.96	52.6	43.7	84
5		266	231	70	0.56	55.6	49.2	82	5		332	289	78	0.78	55.6	49.2	85
6		261	237	56	0.45	54.5	50.4	83	6		326	296	63	0.63	54.5	50.4	85
1	730	286	129	158	2.20	33.8	15.5	95	1	800	343	154	173	2.89	33.8	15.5	97
2		332	204	141	1.87	41.1	25.8	94	2		398	246	154	2.46	41.1	25.8	96
3		365	265	124	1.59	46.7	34.5	92	3		439	318	136	2.10	46.7	34.5	94
4		396	323	104	1.29	52.6	43.7	91	4		476	388	114	1.70	52.6	43.7	92
5		407	353	87	1.05	55.6	49.2	90	5		488	424	95	1.38	55.6	49.2	92
6		399	362	70	0.85	54.5	50.4	90	6		480	435	76	1.11	54.5	50.4	92
1	870	406	183	188	3.71	33.8	15.5	99	1	940	474	213	203	4.68	33.8	15.5	100
2		471	290	168	3.17	41.1	25.8	97	2		550	339	182	3.99	41.1	25.8	99
3		519	376	148	2.69	46.7	34.5	96	3		605	439	160	3.40	46.7	34.5	98
4		563	459	124	2.18	52.6	43.7	94	4		657	536	134	2.75	52.6	43.7	96
5		578	502	103	1.77	55.6	49.2	93	5		674	586	112	2.23	55.6	49.2	95
6		567	515	83	1.43	54.5	50.4	94	6		662	601	90	1.80	54.5	50.4	95
1	1010	547	246	218	5.81	33.8	15.5	102	1	1080	625	281	234	7.10	33.8	15.5	103
2		635	391	195	4.95	41.1	25.8	100	2		726	448	209	6.05	41.1	25.8	102
3		699	507	171	4.21	46.7	34.5	99	3		799	580	183	5.15	46.7	34.5	100
4		759	619	144	3.41	52.6	43.7	97	4		867	708	154	4.17	52.6	43.7	99
5		778	677	120	2.77	55.6	49.2	96	5		890	774	128	3.38	55.6	49.2	98
6		764	694	97	2.23	54.5	50.4	97	6		874	793	103	2.73	54.5	50.4	98

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



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벨트 구동형 시로코팬 (편흡입)

Belt driven Sirocco Fan

성능곡선

Dae-Ryun Ind. Co., LTD

DR- SFS Series

Model : DR- SF#3.5SD

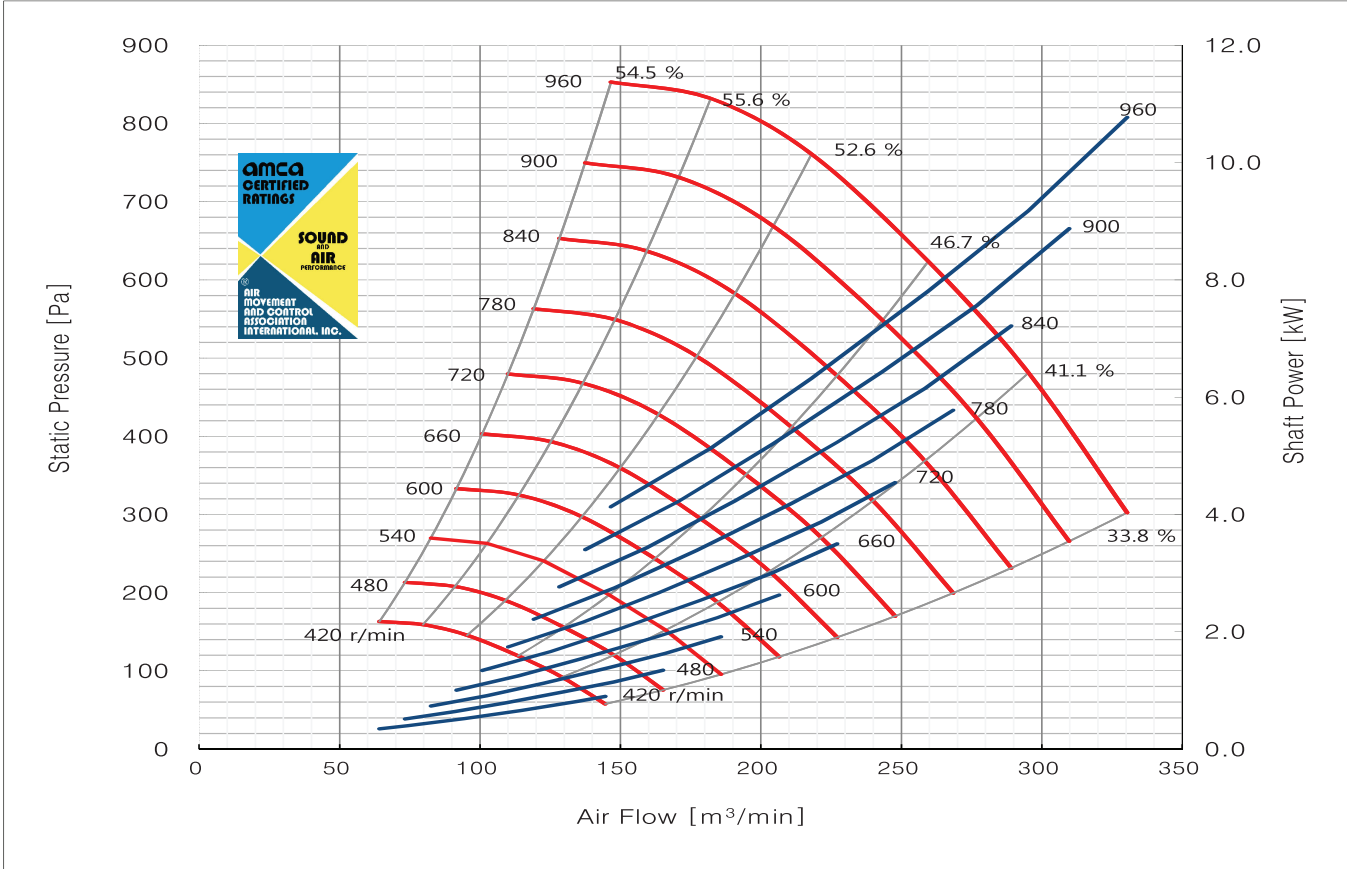
Wheel DIA. : 525 mm

Outlet Dim : 420 X 535 mm

Outlet Area : 0.224 m²

Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]	Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]
1	420	129	58	145	0.91	33.8	15.5	84	1	480	168	76	165	1.35	33.8	15.5	87
2		149	92	129	0.77	41.1	25.8	82	2		195	120	147	1.15	41.1	25.8	85
3		165	119	113	0.66	46.7	34.5	81	3		215	156	129	0.98	46.7	34.5	84
4		179	146	95	0.53	52.6	43.7	78	4		233	190	108	0.80	52.6	43.7	81
5		183	159	79	0.43	55.6	49.2	80	5		239	208	91	0.65	55.6	49.2	83
6		180	163	64	0.35	54.5	50.4	82	6		235	213	73	0.52	54.5	50.4	84
1	540	213	96	185	1.92	33.8	15.5	90	1	600	263	118	206	2.63	33.8	15.5	92
2		247	152	166	1.64	41.1	25.8	88	2		305	188	184	2.25	41.1	25.8	90
3		272	197	145	1.40	46.7	34.5	86	3		336	244	162	1.91	46.7	34.5	89
4		295	241	122	1.13	52.6	43.7	84	4		364	297	136	1.55	52.6	43.7	87
5		303	263	102	0.92	55.6	49.2	85	5		374	325	113	1.26	55.6	49.2	87
6		297	270	82	0.74	54.5	50.4	86	6		367	333	91	1.01	54.5	50.4	88
1	660	318	143	227	3.51	33.8	15.5	94	1	720	378	170	247	4.55	33.8	15.5	100
2		369	227	202	2.99	41.1	25.8	93	2		439	271	221	3.88	41.1	25.8	98
3		406	295	178	2.54	46.7	34.5	91	3		483	351	194	3.30	46.7	34.5	97
4		441	360	149	2.06	52.6	43.7	89	4		525	428	163	2.67	52.6	43.7	95
5		452	393	125	1.67	55.6	49.2	89	5		538	468	136	2.17	55.6	49.2	94
6		444	403	100	1.35	54.5	50.4	90	6		529	480	109	1.75	54.5	50.4	95
1	780	444	200	268	5.78	33.8	15.5	101	1	840	515	232	289	7.22	33.8	15.5	103
2		515	318	239	4.93	41.1	25.8	100	2		598	368	258	6.16	41.1	25.8	101
3		567	412	210	4.19	46.7	34.5	98	3		658	478	227	5.24	46.7	34.5	100
4		616	502	177	3.40	52.6	43.7	97	4		714	583	190	4.24	52.6	43.7	98
5		632	549	147	2.76	55.6	49.2	96	5		733	637	159	3.44	55.6	49.2	97
6		621	563	119	2.22	54.5	50.4	96	6		720	653	128	2.77	54.5	50.4	98
1	900	591	266	309	8.88	33.8	15.5	104	1	960	672	303	330	10.78	33.8	15.5	106
2		686	423	276	7.57	41.1	25.8	103	2		781	481	295	9.19	41.1	25.8	104
3		755	548	243	6.44	46.7	34.5	101	3		860	624	259	7.82	46.7	34.5	103
4		820	669	204	5.21	52.6	43.7	99	4		933	761	217	6.33	52.6	43.7	101
5		841	731	170	4.23	55.6	49.2	99	5		957	832	182	5.13	55.6	49.2	100
6		826	750	137	3.41	54.5	50.4	99	6		940	853	146	4.14	54.5	50.4	100

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



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벨트 구동형 시로코팬 (편흡입)

Belt driven Sirocco Fan

성능곡선

Dae-Ryun Ind. Co., LTD

DR- SFS Series

Model : DR- SF#4SD

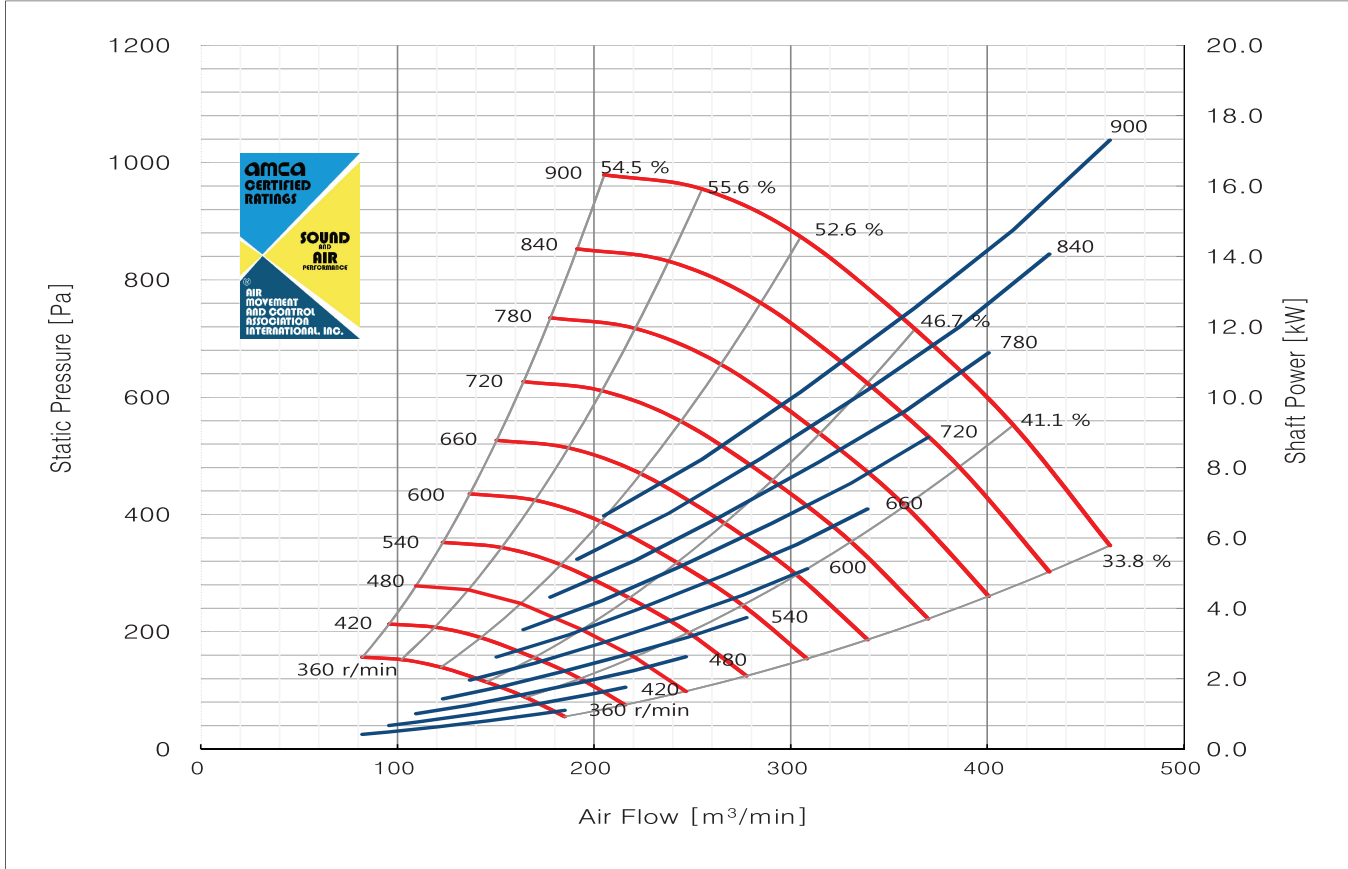
Wheel DIA. : 600 mm

Outlet Dim : 480 X 610 mm

Outlet Area : 0.293 m²

Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]	Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]
1	360	124	56	185	1.11	33.8	15.5	85	1	420	168	76	215	1.76	33.8	15.5	88
2		143	88	165	0.95	41.1	25.8	83	2		195	120	192	1.50	41.1	25.8	86
3		158	115	145	0.81	46.7	34.5	81	3		215	156	169	1.28	46.7	34.5	85
4		171	140	122	0.66	52.6	43.7	79	4		233	190	142	1.04	52.6	43.7	83
5		176	153	101	0.53	55.6	49.2	81	5		239	208	118	0.84	55.6	49.2	84
6		173	157	82	0.43	54.5	50.4	83	6		235	213	95	0.68	54.5	50.4	86
1	480	220	99	246	2.63	33.8	15.5	91	1	540	278	125	277	3.74	33.8	15.5	94
2		255	157	220	2.24	41.1	25.8	89	2		323	199	247	3.19	41.1	25.8	92
3		281	204	193	1.91	46.7	34.5	88	3		355	258	217	2.72	46.7	34.5	90
4		305	248	162	1.55	52.6	43.7	86	4		386	314	183	2.20	52.6	43.7	88
5		313	272	135	1.26	55.6	49.2	87	5		396	344	152	1.78	55.6	49.2	89
6		307	279	109	1.01	54.5	50.4	88	6		388	353	123	1.44	54.5	50.4	90
1	600	343	154	308	5.13	33.8	15.5	96	1	660	415	187	338	6.83	33.8	15.5	99
2		398	246	275	4.38	41.1	25.8	95	2		482	297	302	5.82	41.1	25.8	97
3		439	318	242	3.72	46.7	34.5	93	3		531	385	266	4.95	46.7	34.5	95
4		476	388	203	3.01	52.6	43.7	91	4		576	470	223	4.01	52.6	43.7	93
5		488	424	169	2.45	55.6	49.2	92	5		591	514	186	3.25	55.6	49.2	93
6		480	435	136	1.97	54.5	50.4	92	6		580	527	150	2.62	54.5	50.4	94
1	720	494	222	369	8.86	33.8	15.5	104	1	780	580	261	400	11.27	33.8	15.5	105
2		574	354	330	7.56	41.1	25.8	102	2		673	415	358	9.61	41.1	25.8	104
3		631	458	290	6.43	46.7	34.5	101	3		741	538	314	8.17	46.7	34.5	103
4		685	559	244	5.21	52.6	43.7	99	4		804	656	264	6.62	52.6	43.7	101
5		703	611	203	4.22	55.6	49.2	98	5		825	717	220	5.37	55.6	49.2	100
6		691	627	164	3.40	54.5	50.4	99	6		811	736	177	4.33	54.5	50.4	101
1	840	672	303	431	14.07	33.8	15.5	107	1	900	772	347	462	17.31	33.8	15.5	108
2		781	481	385	12.00	41.1	25.8	105	2		896	552	413	14.76	41.1	25.8	107
3		860	624	338	10.21	46.7	34.5	104	3		987	716	363	12.55	46.7	34.5	105
4		933	761	284	8.26	52.6	43.7	102	4		1071	874	305	10.16	52.6	43.7	104
5		957	832	237	6.70	55.6	49.2	101	5		1099	955	254	8.24	55.6	49.2	103
6		940	853	191	5.40	54.5	50.4	102	6		1079	979	205	6.64	54.5	50.4	103

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



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벨트 구동형 시로코팬 (편흡입)

Belt driven Sirocco Fan

성능곡선

Dae-Ryun Ind. Co., LTD

DR-SFS Series

Model : DR-SF#4.5SD

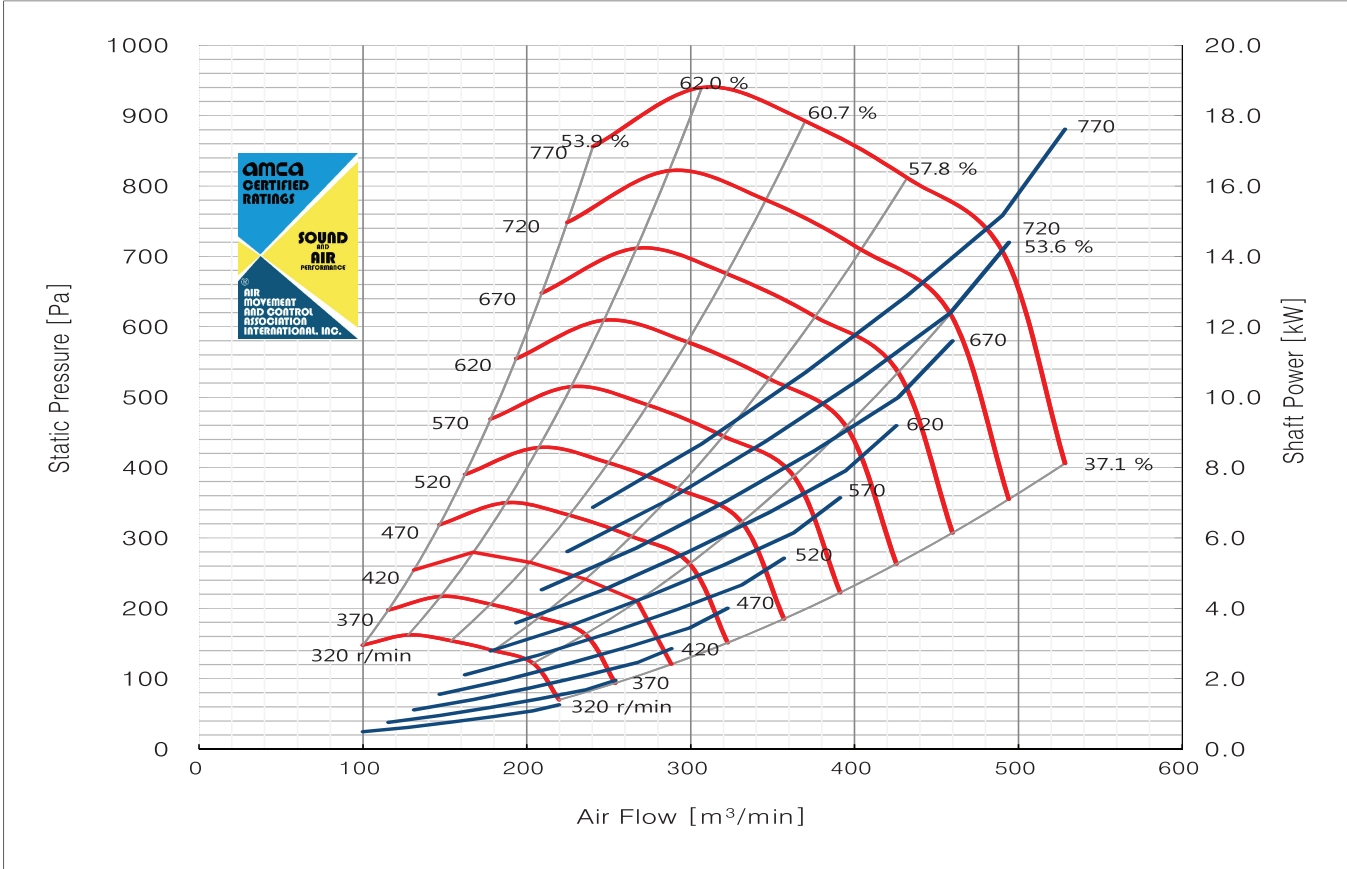
Wheel DIA. : 675 mm

Outlet Dim : 540 X 690 mm

Outlet Area : 0.37 m²

Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]	Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]
1	320	130	70	220	1.27	37.1	20.3	84	1	370	174	94	253	1.96	37.1	20.3	88
2		175	122	203	1.09	53.6	38.1	82	2		234	163	235	1.69	53.6	38.1	86
3		182	140	179	0.93	57.8	45.3	82	3		243	187	207	1.44	57.8	45.3	85
4		186	154	153	0.77	60.7	51.3	82	4		248	206	177	1.19	60.7	51.3	85
5		185	162	127	0.63	62.0	55.3	83	5		247	217	147	0.97	62.0	55.3	86
6		163	148	99	0.50	53.9	49.8	82	6		217	198	115	0.77	53.9	49.8	85
1	420	225	121	288	2.86	37.1	20.3	91	1	470	281	151	322	4.01	37.1	20.3	93
2		301	210	267	2.47	53.6	38.1	89	2		377	264	299	3.45	53.6	38.1	92
3		314	241	235	2.10	57.8	45.3	88	3		393	302	263	2.94	57.8	45.3	91
4		320	266	201	1.74	60.7	51.3	88	4		401	332	225	2.44	60.7	51.3	91
5		319	280	167	1.41	62.0	55.3	89	5		399	350	187	1.98	62.0	55.3	91
6		280	255	131	1.12	53.9	49.8	88	6		351	319	146	1.57	53.9	49.8	91
1	520	344	185	356	5.43	37.1	20.3	97	1	570	414	223	391	7.15	37.1	20.3	99
2		462	323	331	4.68	53.6	38.1	96	2		555	388	362	6.16	53.6	38.1	98
3		481	370	291	3.97	57.8	45.3	95	3		577	445	319	5.23	57.8	45.3	97
4		490	407	249	3.30	60.7	51.3	95	4		589	489	273	4.35	60.7	51.3	97
5		489	429	207	2.68	62.0	55.3	96	5		587	515	227	3.53	62.0	55.3	98
6		430	390	162	2.12	53.9	49.8	95	6		516	469	177	2.79	53.9	49.8	97
1	620	489	263	425	9.20	37.1	20.3	101	1	670	571	307	459	11.61	37.1	20.3	103
2		657	459	394	7.92	53.6	38.1	100	2		767	535	426	10.00	53.6	38.1	102
3		683	526	347	6.73	57.8	45.3	99	3		798	615	375	8.50	57.8	45.3	100
4		697	579	297	5.59	60.7	51.3	99	4		814	676	321	7.06	60.7	51.3	100
5		695	609	246	4.54	62.0	55.3	99	5		811	712	266	5.72	62.0	55.3	101
6		611	555	193	3.59	53.9	49.8	99	6		713	648	209	4.53	53.9	49.8	100
1	720	660	355	494	14.41	37.1	20.3	105	1	770	755	406	528	17.62	37.1	20.3	106
2		886	618	458	12.40	53.6	38.1	103	2		1013	707	490	15.17	53.6	38.1	105
3		921	710	403	10.54	57.8	45.3	102	3		1054	812	432	12.89	57.8	45.3	104
4		940	780	345	8.76	60.7	51.3	102	4		1075	892	369	10.71	60.7	51.3	103
5		937	822	286	7.10	62.0	55.3	102	5		1072	940	306	8.68	62.0	55.3	104
6		823	749	224	5.62	53.9	49.8	102	6		942	856	240	6.88	53.9	49.8	104

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



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벨트 구동형 시로코팬 (편흡입)

Belt driven Sirocco Fan

성능곡선

Dae-Ryun Ind. Co., LTD

DR-SFS Series

Model : DR-SF#5SD

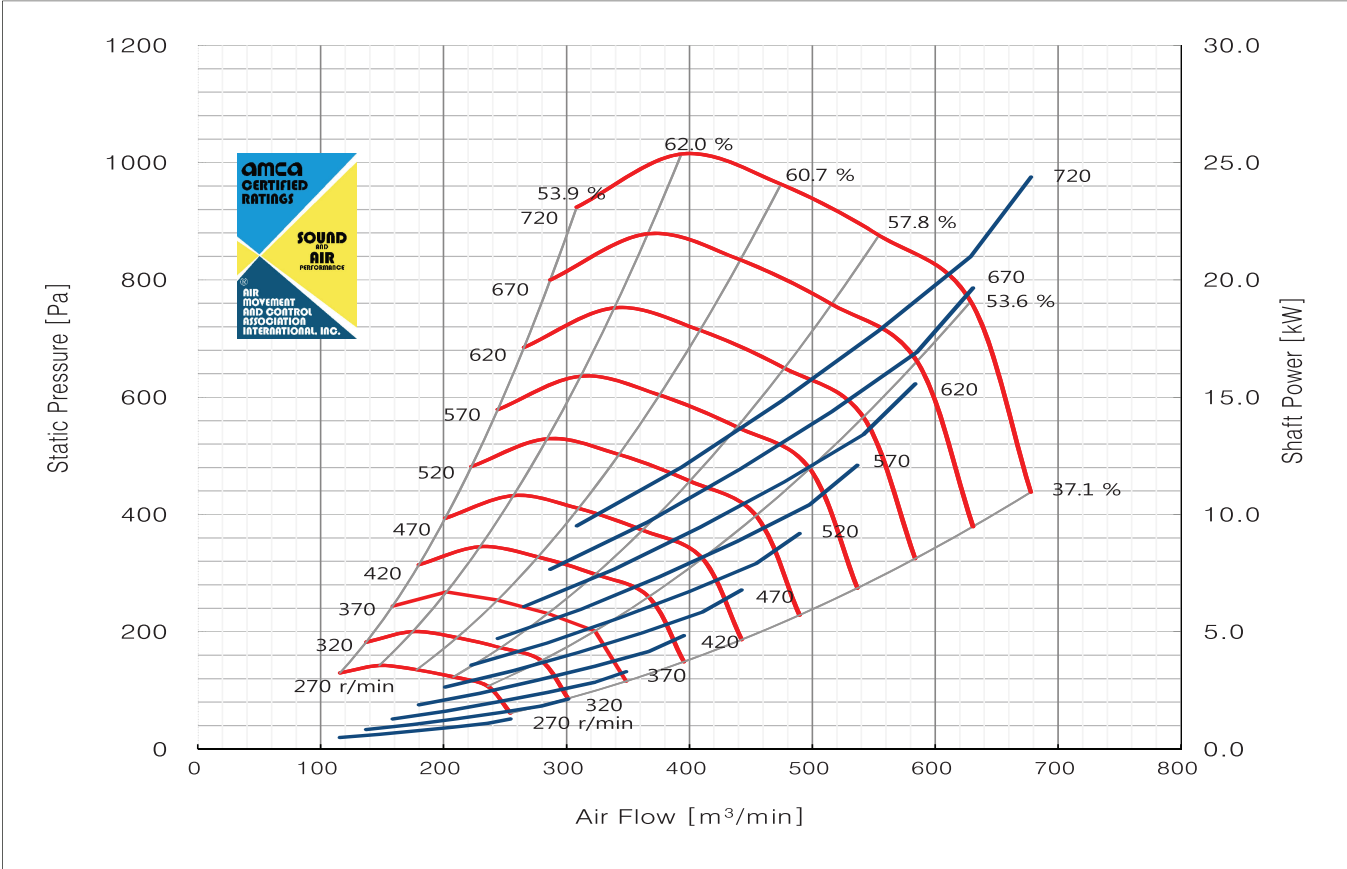
Wheel DIA. : 750 mm

Outlet Dim : 600 X 760 mm

Outlet Area : 0.457 m²

Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]	Det.	N [r/min]	Pt [Pa]	Ps [Pa]	Q m ³ /min	H [kW]	EtaT [%]	EtaS [%]	LwiA [dB]
1	270	115	62	254	1.29	37.1	20.3	83	1	320	161	87	301	2.15	37.1	20.3	87
2		154	107	235	1.11	53.6	38.1	81	2		216	151	279	1.85	53.6	38.1	85
3		160	123	207	0.95	57.8	45.3	81	3		225	173	246	1.57	57.8	45.3	85
4		163	135	177	0.79	60.7	51.3	82	4		229	190	210	1.31	60.7	51.3	85
5		163	143	147	0.64	62.0	55.3	83	5		228	200	174	1.06	62.0	55.3	86
6		143	130	115	0.51	53.9	49.8	81	6		201	183	136	0.84	53.9	49.8	85
1	370	215	116	348	3.31	37.1	20.3	91	1	420	277	149	395	4.85	37.1	20.3	94
2		289	202	323	2.85	53.6	38.1	89	2		372	260	366	4.17	53.6	38.1	92
3		300	231	284	2.43	57.8	45.3	88	3		387	298	323	3.55	57.8	45.3	91
4		306	254	243	2.02	60.7	51.3	88	4		395	328	276	2.95	60.7	51.3	91
5		305	268	202	1.64	62.0	55.3	89	5		394	345	229	2.39	62.0	55.3	92
6		268	244	158	1.30	53.9	49.8	88	6		346	314	179	1.89	53.9	49.8	91
1	470	347	187	442	6.79	37.1	20.3	97	1	520	425	229	489	9.19	37.1	20.3	100
2		466	325	410	5.85	53.6	38.1	95	2		570	398	454	7.91	53.6	38.1	99
3		485	373	361	4.97	57.8	45.3	94	3		593	457	400	6.73	57.8	45.3	98
4		495	410	309	4.13	60.7	51.3	94	4		605	502	342	5.59	60.7	51.3	98
5		493	432	256	3.35	62.0	55.3	94	5		603	529	284	4.53	62.0	55.3	99
6		433	394	201	2.65	53.9	49.8	94	6		530	482	222	3.59	53.9	49.8	98
1	570	511	275	536	12.11	37.1	20.3	102	1	620	604	325	583	15.58	37.1	20.3	104
2		685	478	497	10.42	53.6	38.1	102	2		811	566	541	13.41	53.6	38.1	103
3		713	549	438	8.86	57.8	45.3	100	3		843	650	477	11.40	57.8	45.3	102
4		727	604	375	7.36	60.7	51.3	100	4		861	714	408	9.47	60.7	51.3	102
5		725	636	311	5.97	62.0	55.3	101	5		858	752	338	7.68	62.0	55.3	103
6		637	579	243	4.73	53.9	49.8	100	6		754	685	265	6.08	53.9	49.8	102
1	670	705	380	630	19.66	37.1	20.3	106	1	720	815	438	677	24.39	37.1	20.3	108
2		947	661	585	16.92	53.6	38.1	105	2		1094	763	628	21.00	53.6	38.1	106
3		985	759	515	14.38	57.8	45.3	104	3		1138	876	554	17.85	57.8	45.3	105
4		1005	834	441	11.95	60.7	51.3	104	4		1161	963	474	14.83	60.7	51.3	105
5		1002	879	366	9.69	62.0	55.3	104	5		1157	1015	393	12.02	62.0	55.3	106
6		880	800	286	7.67	53.9	49.8	104	6		1017	924	308	9.52	53.9	49.8	105

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
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