

AIR FOIL FAN

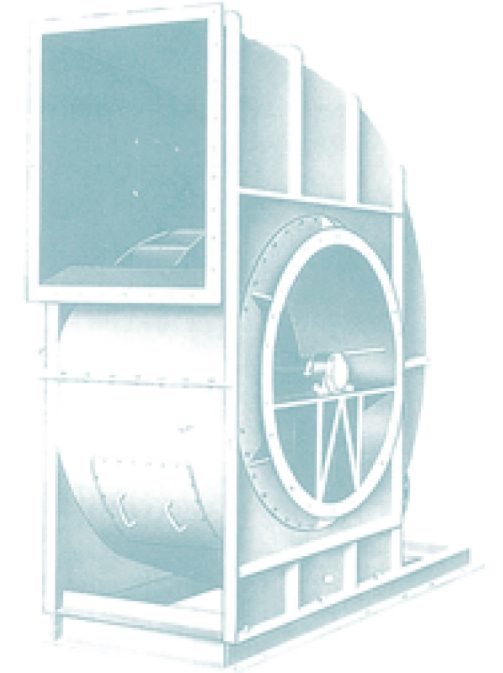
AF-FAN은 날개에 항공기의 익형을 응용한 것이며 원심 FAN 중에서는 가장 새로운 기종입니다.

즉 TURBO FAN의 1매의 날개 대신 2매의 판을 합쳐서 익형으로 성형한 것입니다.

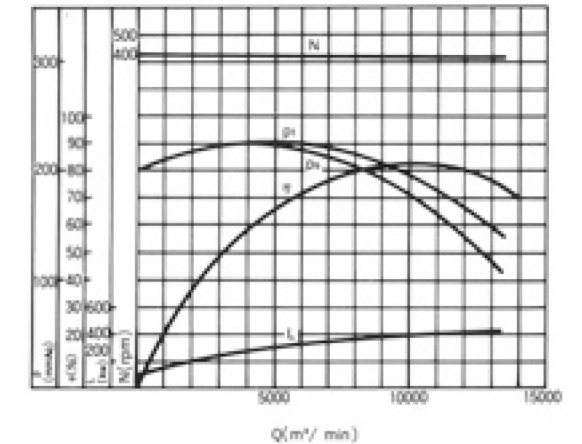
효율이 좋고 소음도 낮으며 고속회전이 가능하고 날개 경도 작게 할수 있으므로 전체로서 소형이 되는 잇점이 있습니다.

LIMIT LOAD 특성도 갖고 있으며 다소 DUST를 함유한 GAS를 취급할 경우에는 내마모성 구조로 할 수도 있습니다.

날개의 수는 8~16매이며 날개폭은 비교적 넓고 날개는 철판을 굽혀서 익형으로 하여 주판·측판에 용접되어 있습니다. 케이싱 구조는 보통 FAN과 동일하지만 흡입 CONE은 벨마우스 모양을 하고 있습니다.



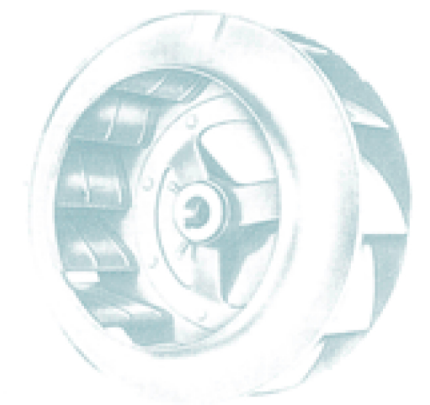
성능은 왼쪽 그림과 같이 동력곡선은 최고효율점 부근에서 LIMIT LOAD 특성이 있고 압력곡선은 TURBO FAN과 마찬가지로 안전성이 좋은 곡선을 이루고 있습니다. 또한 효율은 극히 좋으며 소음은 TURBO FAN보다 적습니다.



에어호일팬 성능곡선(10000m³/min×150mmAq×420rpm×430kw)

» 용 도

건축물 환기용, 보일러 압입·유입용, 소결로 배개용, 일반 산업용 등...

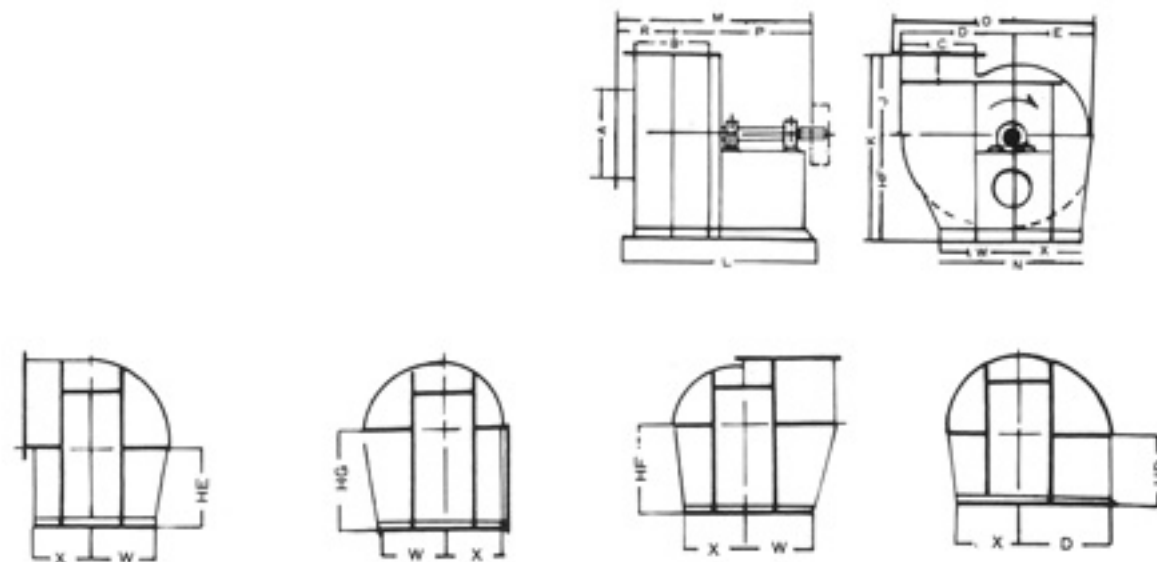


AIRFOIL FAN / 치수표

AIRFOIL FAN

SINGLE SUCTION PERFORMANCE TABLE

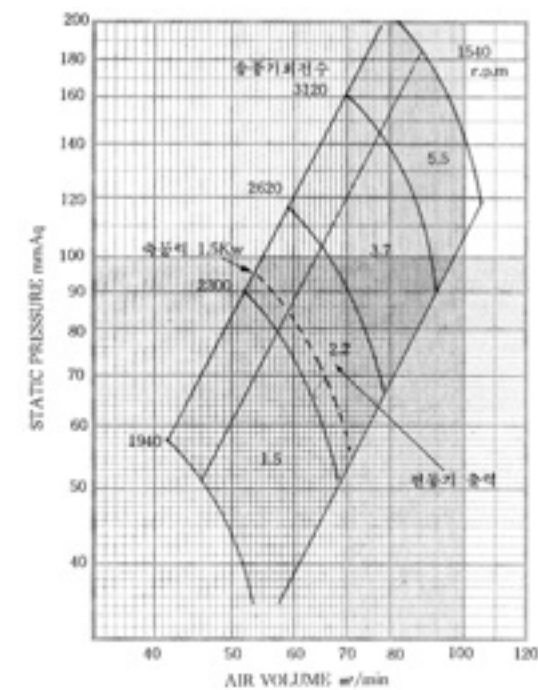
표준 외형도



치수표

기종 No.	Aφ	B	C	D	E	J	K	L	N	O	R	W	X	HG	HF	HE	HD
SAF-# 1 1/2	235	180	230	230	170	190	415	280	300	425	142	160	140	260	225	195	160
# 2	320	240	305	305	229	240	535	340	400	559	172	210	190	340	295	260	220
# 2 1/2	400	300	380	380	284	290	560	400	490	696	212	260	230	425	370	320	275
# 3	480	360	455	455	339	340	775	460	600	826	243	320	280	500	435	380	320
# 3 1/2	560	420	535	535	399	410	935	520	700	972	293	370	330	590	515	450	380
# 4	640	480	610	610	454	450	1030	580	790	1102	323	420	370	665	580	500	425
# 4 1/2	720	560	685	685	505	490	1135	660	880	1228	353	470	410	740	645	555	465
# 5	800	600	760	760	560	540	1250	730	970	1358	383	510	460	815	710	610	525
# 5 1/2	880	660	840	840	620	590	1385	790	1080	1510	433	570	510	910	795	685	575
# 6	960	730	915	915	675	650	1510	860	1170	1640	468	620	550	990	860	740	620
# 6 1/2	1050	790	990	990	730	700	1620	890	1270	1770	498	670	600	1060	920	790	665
# 7	1120	845	1065	1065	785	740	1730	945	1370	1900	526	730	640	1140	990	850	720
# 7 1/2	1200	905	1140	1140	840	800	1860	1005	1470	2045	586	780	690	1220	1060	910	765
# 8	1280	965	1220	1220	900	870	2000	1065	1580	2185	616	840	740	1300	1130	970	815
# 9	1440	1080	1370	1370	1010	960	2220	1210	1780	2445	673	950	830	1450	1260	1080	905
# 10	1600	1200	1525	1525	1125	1050	2450	1350	1970	2715	733	1050	920	1610	1400	1200	1000
# 11	1760	1320	1675	1675	1235	1150	2700	1470	2170	2985	813	1160	1010	1780	1550	1330	1115
# 12	1930	1440	1830	1830	1330	1240	2830	1590	2350	3235	873	1260	1090	1740	1690	1430	1190

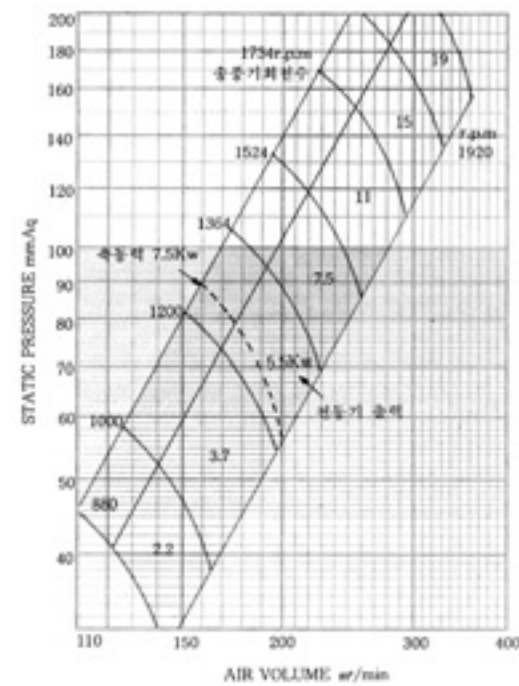
AF-#2 1/2SS



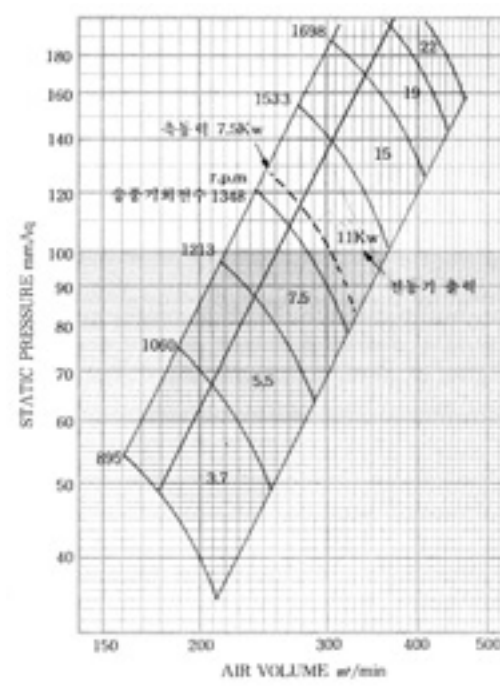
AIRFOIL FAN

SINGLE SUCTION PERFORMANCE TABLE

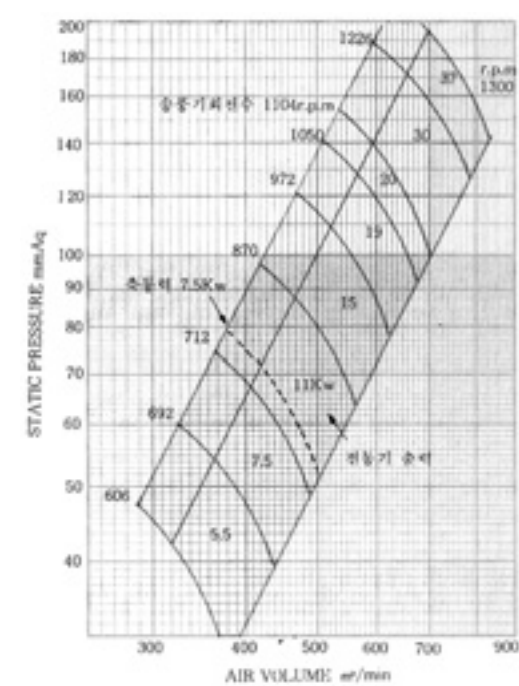
AF-#4 $\frac{1}{2}$ SS



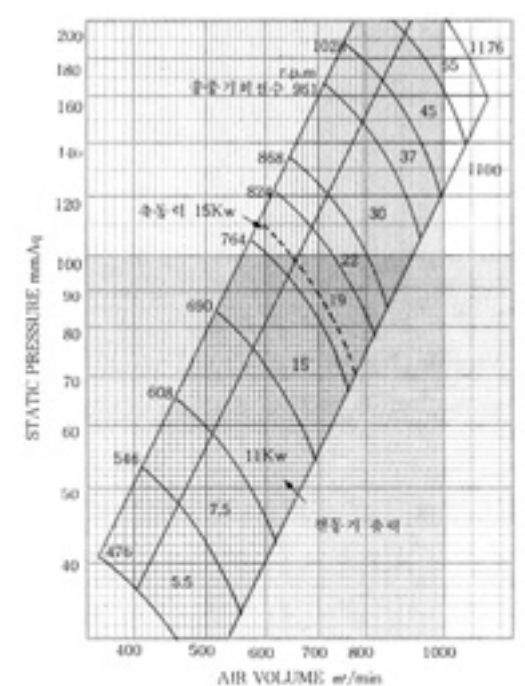
AF-#5SS



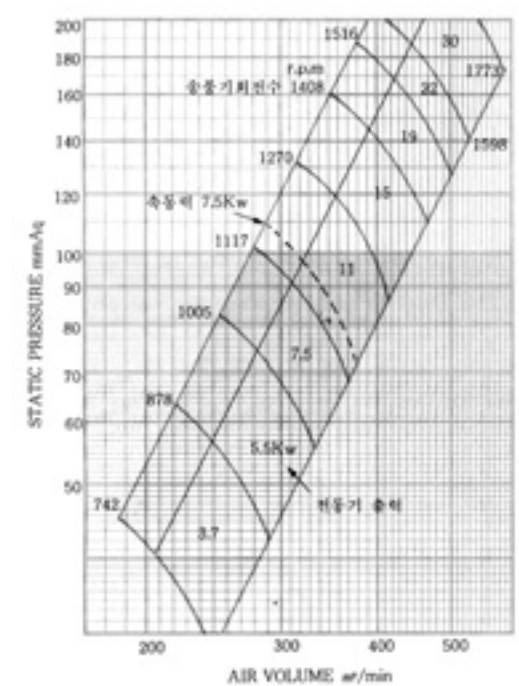
AF-#7SS



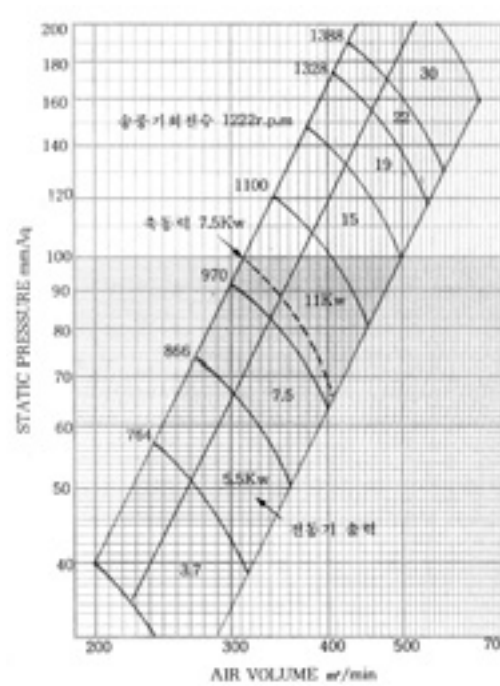
AF-#8SS



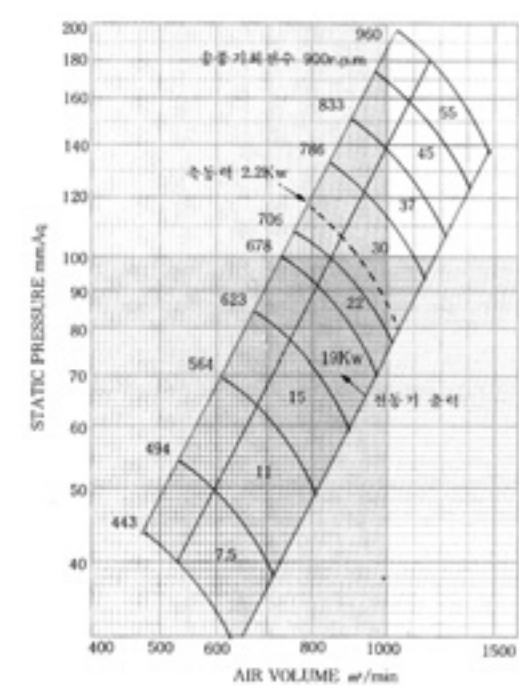
AF-#5 $\frac{1}{2}$ SS



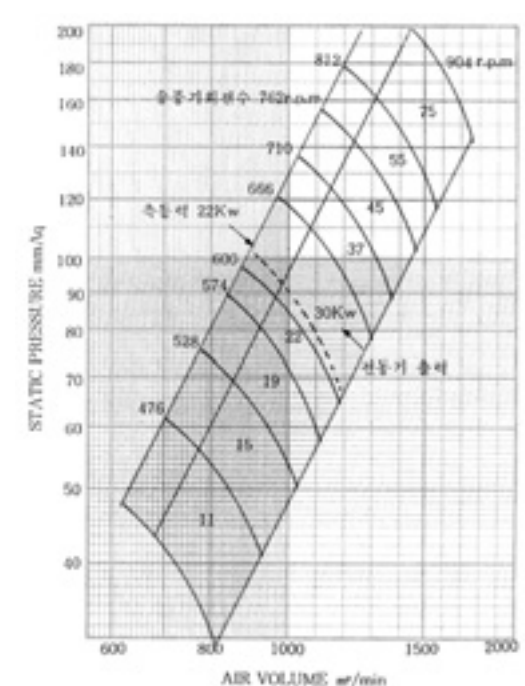
AF-#6SS



AF-#9SS



AF-#10SS

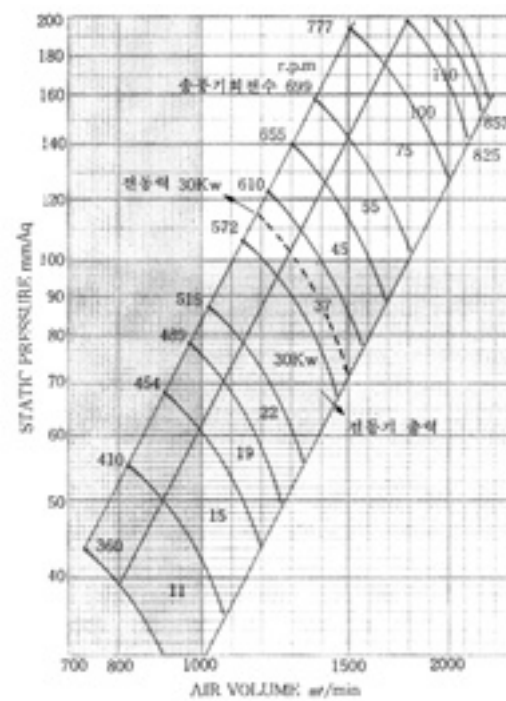


AIRFOIL FAN

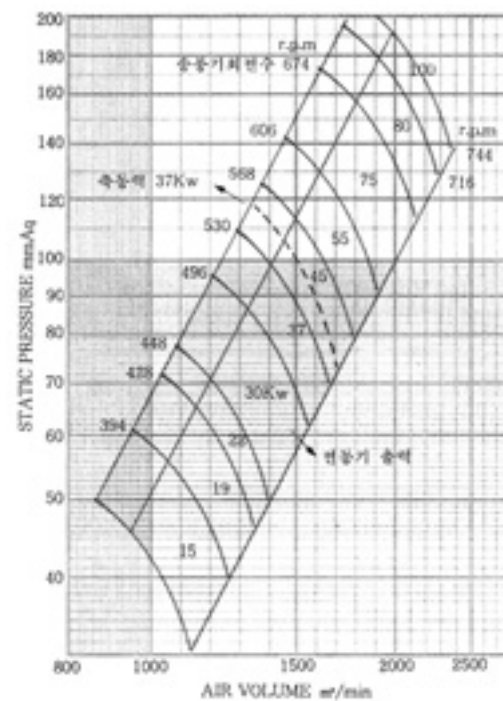
SINGLE SUCTION PERFORMANCE TABLE

AIRFOIL FAN (양흡입) / 표준 외형도

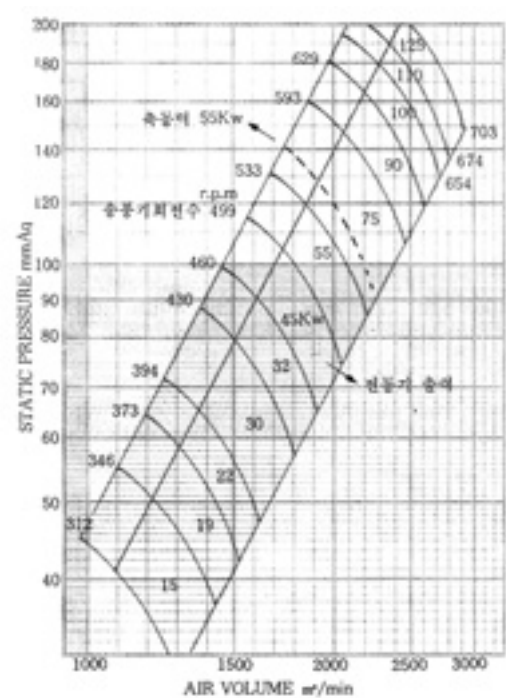
AF-#11SS



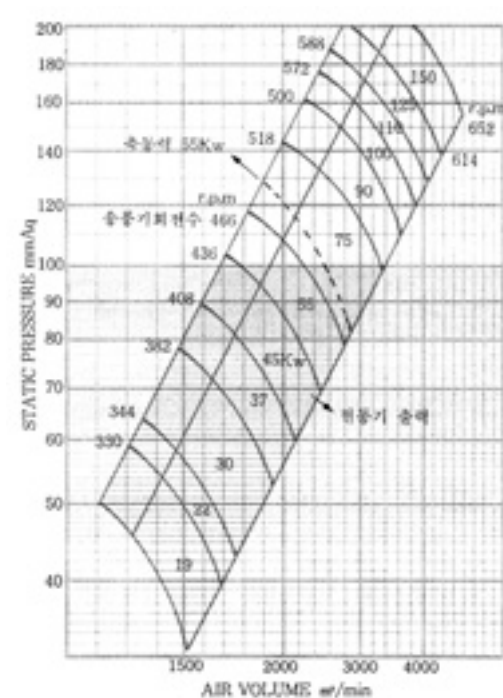
AF-#12SS



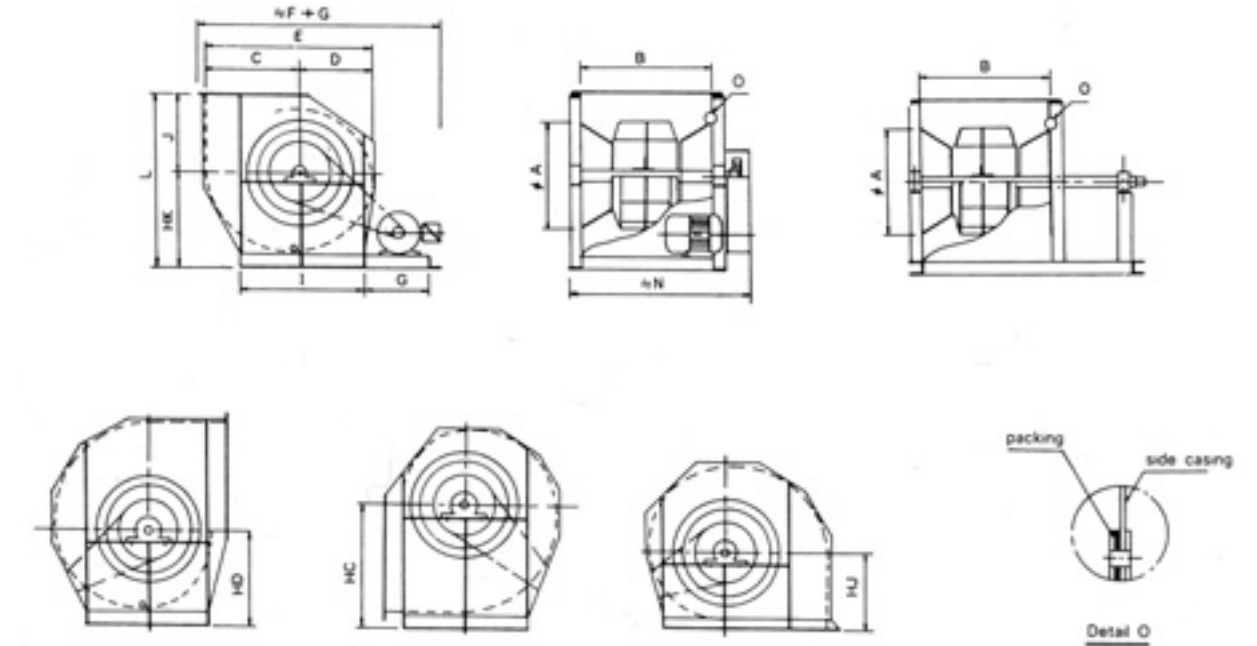
AF-#13SS



AF-#14SS



표준 외형도



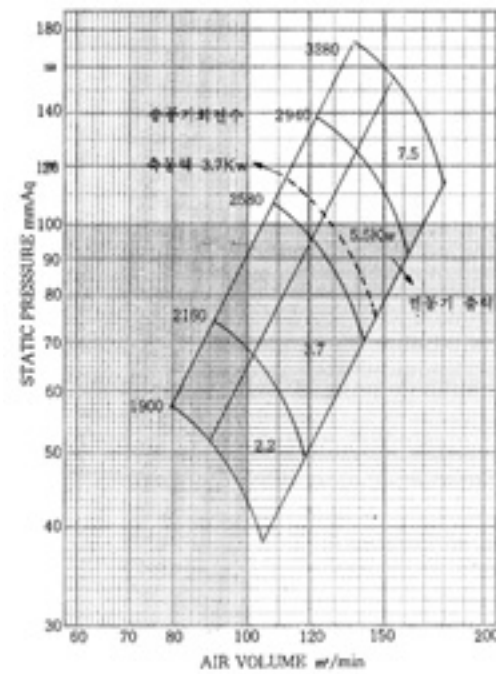
치수표

기종 No.	Aφ	B	C	D	E	F	I	J	L	N	HK	HD	HC	HJ	Motor base	
															Motor	G
ADF-# 2	320	400	305	230	535	580	400	240	535	610	310	280	355	240	1HP	300
# 2 1/2	400	500	380	285	665	690	460	290	660	710	380	330	440	290	2HP	300
# 3	480	600	455	340	795	820	570	340	775	850	450	400	515	340	3HP	350
# 3 1/2	560	700	535	400	935	950	660	410	925	940	515	460	595	410	5HP	350
# 4	640	800	610	455	1065	1070	750	450	1030	1100	580	520	675	450	7.5HP	400
# 4 1/2	720	900	685	505	1190	1160	850	490	1140	1200	650	570	750	490	10HP	400
# 5	800	1000	760	560	1320	1290	950	540	1260	1400	720	625	825	540	15HP	450
# 5 1/2	880	1100	840	620	1460	1415	1050	590	1385	1480	795	700	920	590	20HP	450
# 6	960	1200	915	675	1590	1530	1100	650	1510	1600	860	755	995	650	25HP	500
# 7	1120	1400	1065	785	1850	1780	1350	740	1730	1900	990	875	1155	740	25HP	500
# 8	1280	1600	1220	900	2120	2030	1500	870	2000	2110	1130	990	1335	870	30HP	600
# 9	1440	1800	1370	1010	2380	2250	1700	960	2220	2470	1260	1100	1485	960	40HP	600
# 10	1600	2000	1525	1125	2650	2530	1900	1050	2450	2710	1400	1240	1640	1050	60HP	650
# 11	1760	2200	1675	1235	2910	2795	2100	1150	2700	2810	1550	1380	1820	1150	75HP	650
# 12	1930	2400	1830	1330	3160	3045	2300	1240	2930	3060	1690	1475	1975	1240	100HP	750
# 13	2180	2600	1980	1460	3440	3305	2500	1350	3170	3270	1820	1630	2150	1350	125HP	800
# 14	2240	2800	2135	1575	3710	3565	2700	1450	3400	3340	1950	1745	2305	1450	150HP	900

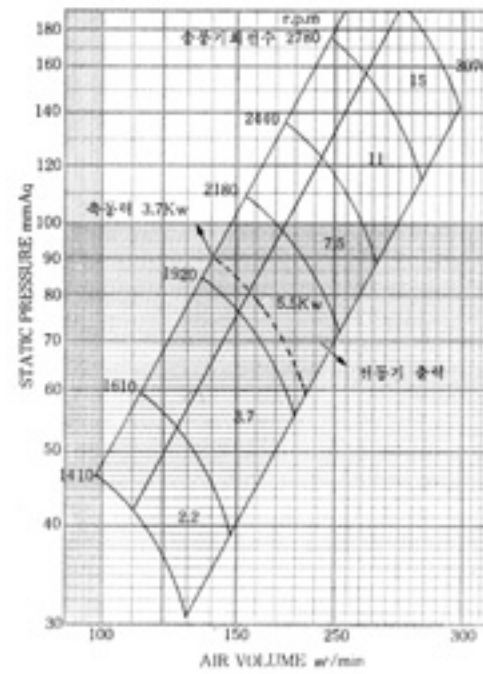
AIRFOIL FAN

DOUBLE SUCTION PERFORMANCE TABLE

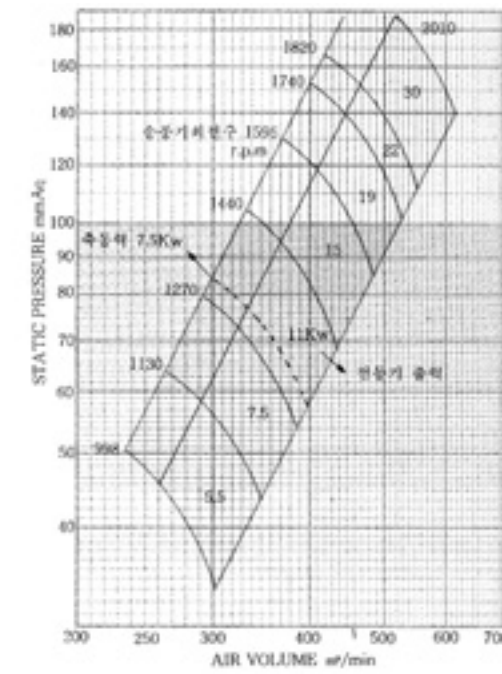
AF-#2_{1/2}DS



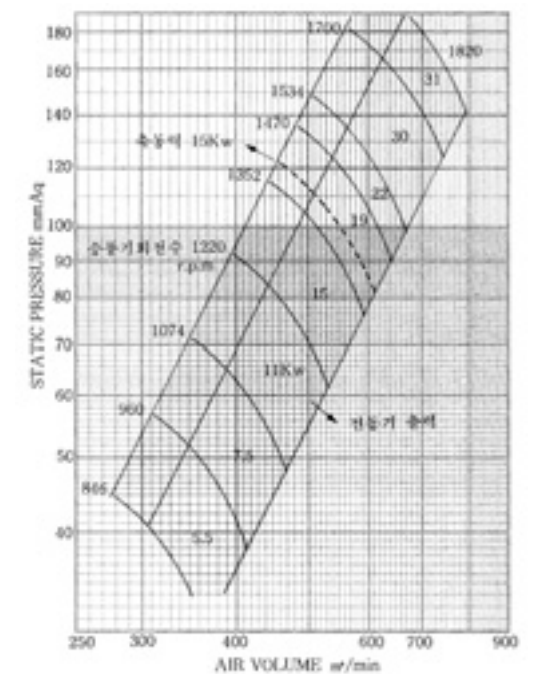
AF-#3DS



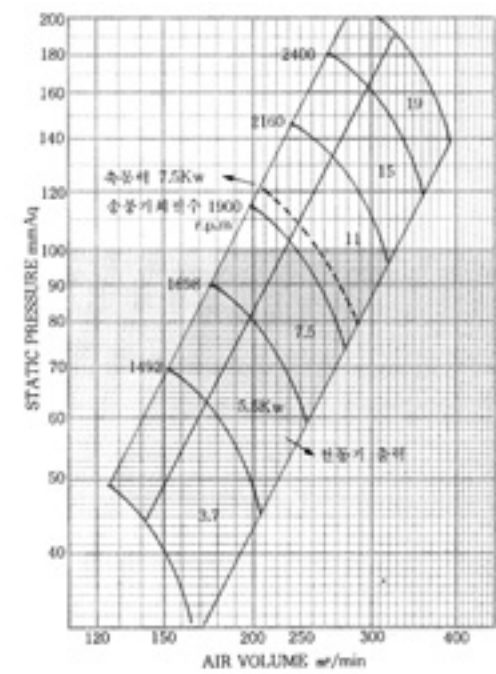
AF-#4_{1/2}DS



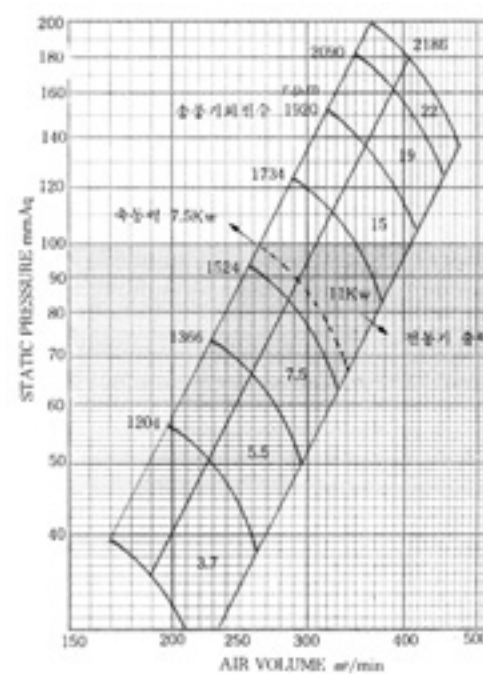
AF-#5DS



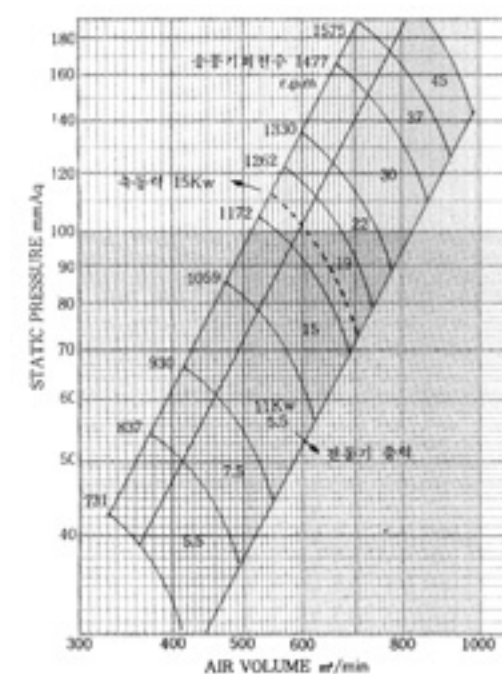
AF-#3_{1/2}DS



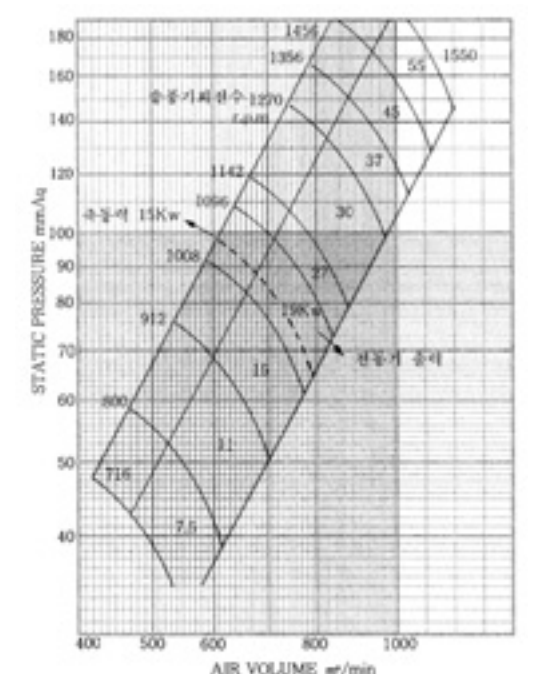
AF-#4DS



AF-#5_{1/2}DS



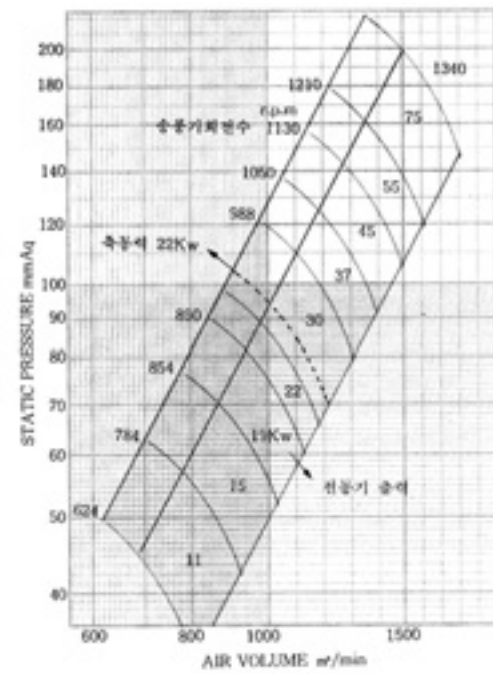
AF-#6DS



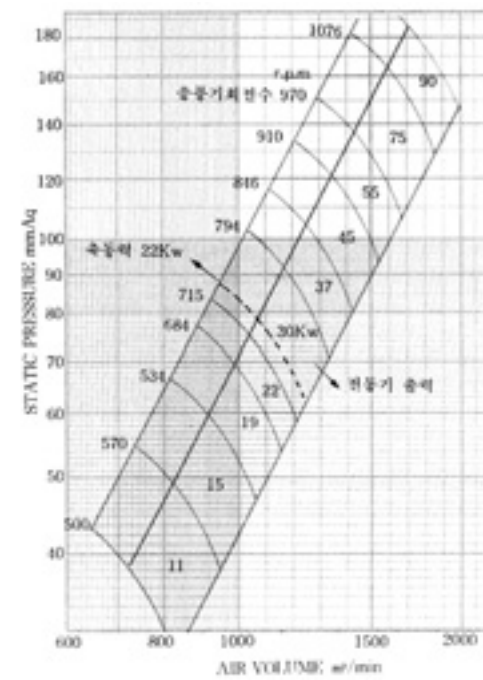
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DOUBLE SUCTION PERFORMANCE TABLE

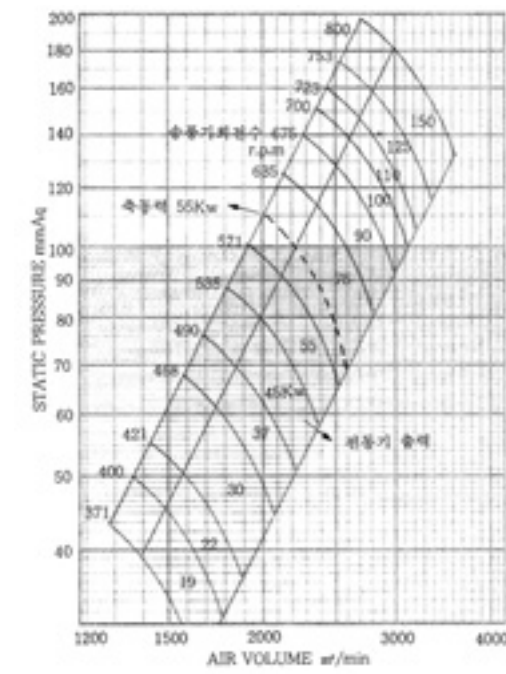
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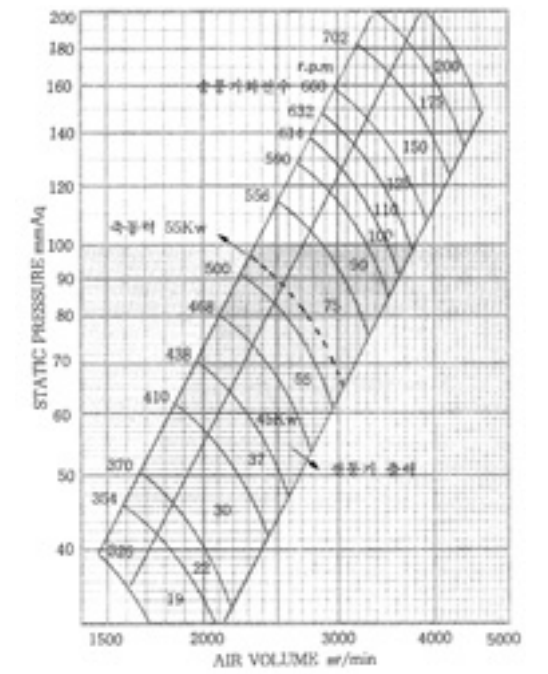
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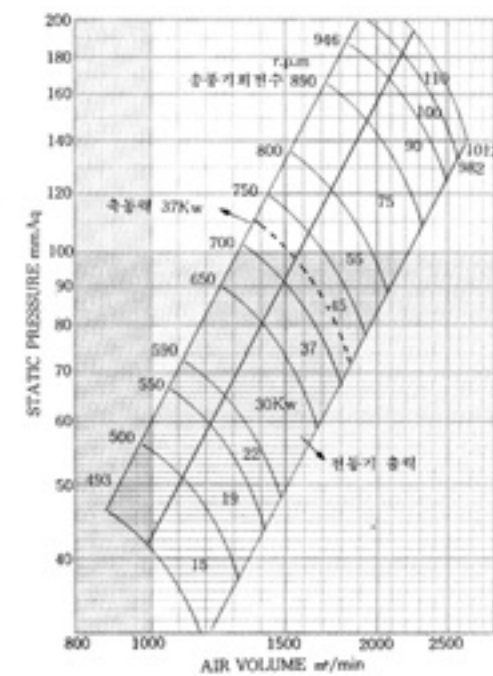
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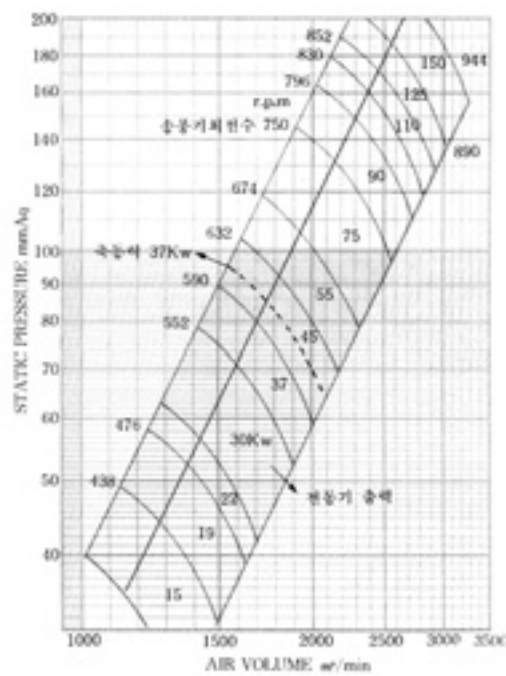
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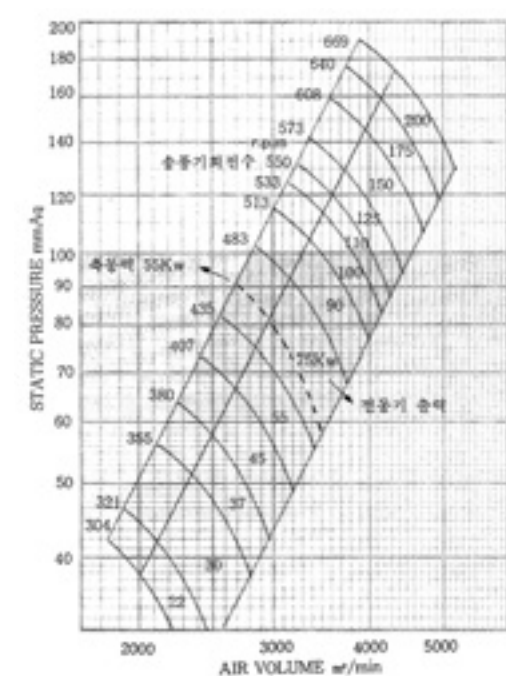
AF-#9DS



AF-#10DS



AF-#13DS



AF-#14DS

