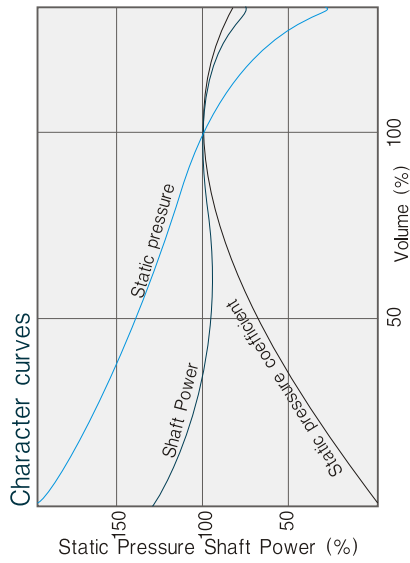
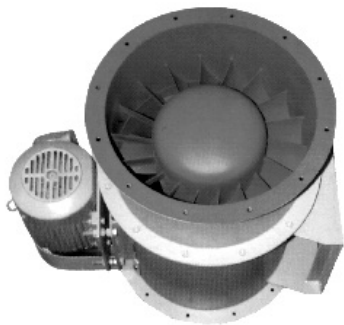


AXIAL FLOW FAN(V-BELT DRIVE)



Where the air volume is 450 CMM and static pressure 25mmAq

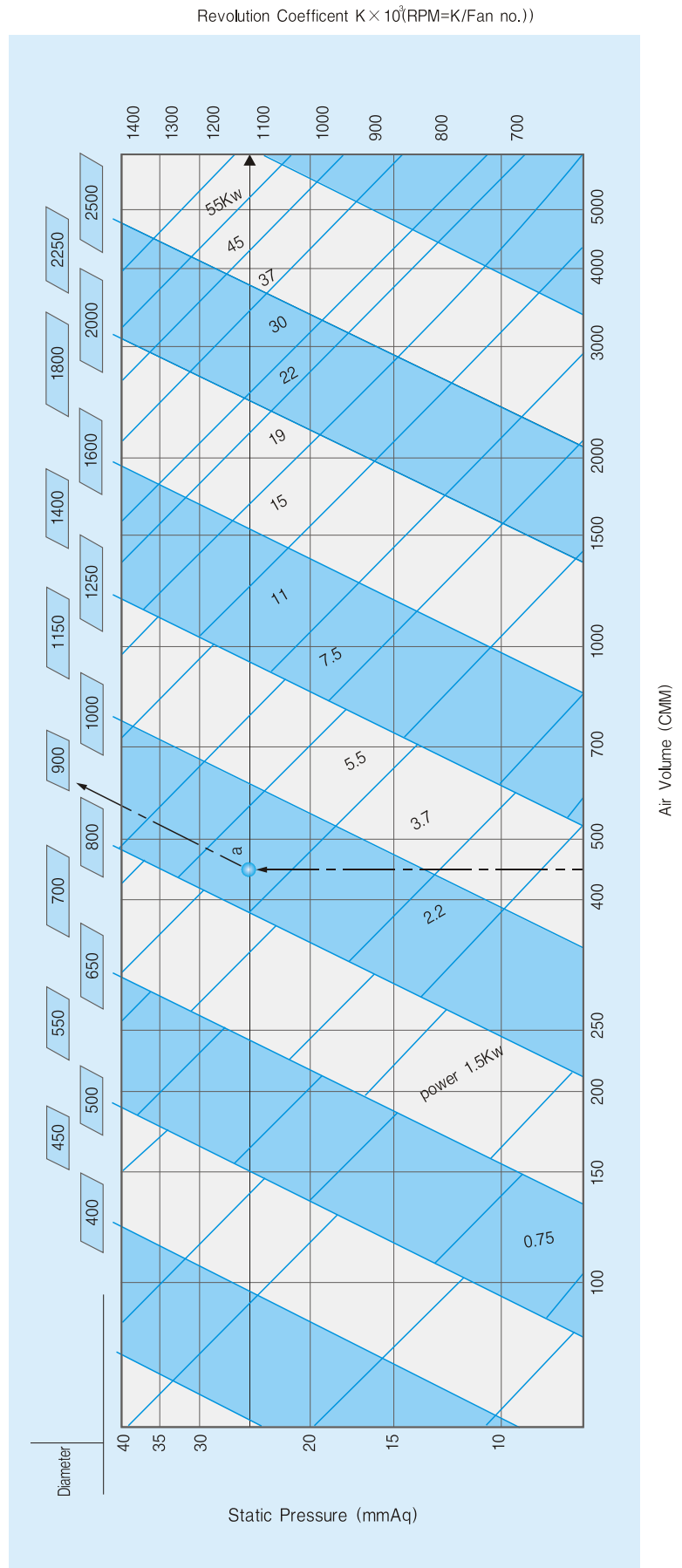
- 1) The value 5.5kw is obtained from the crossing point 「a」 of the air volume and the static pressure.
- 2) The diameter 900 is obtained by drawing a parallel line from the crossing point 「a」 to the right-upper oblique line.
- 3) The revolution coefficient $K=1134 \times 10^3$ is obtained by drawing a parallel line from the crossing point 「a」 to the right.

$$\text{Revolution} = \frac{K}{\text{Fan diameter}} = \frac{1134000}{900} = 1260\text{rpm}$$

4) Conclusion :

AXIAL FLOW FAN EAF-900
400 cm m × 25m maq × 1260rpm × 5.5kw

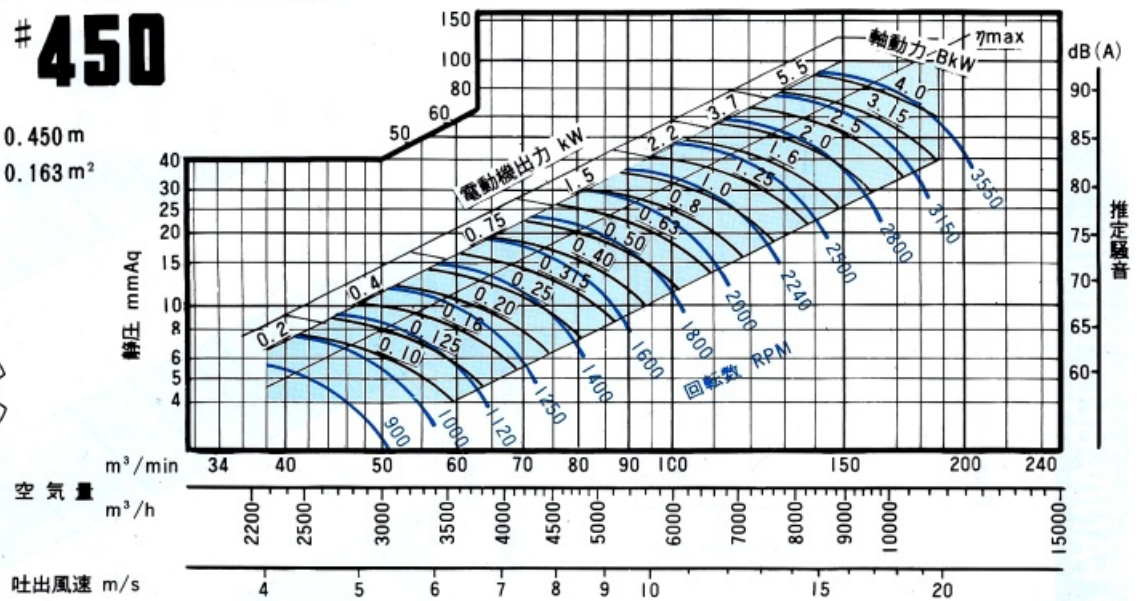
Selection Chart





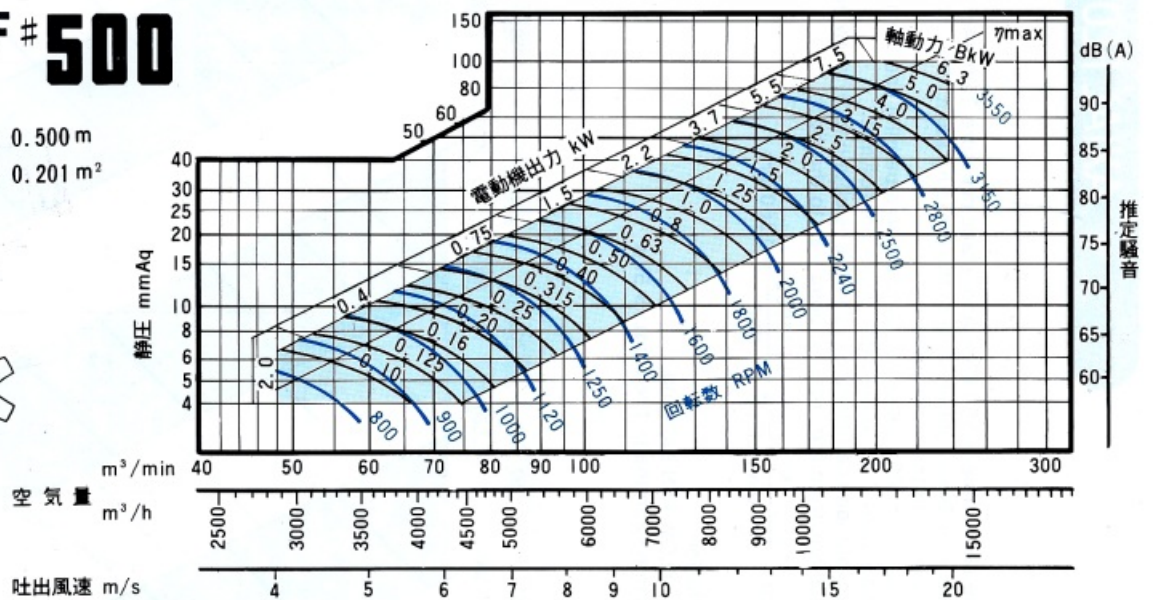
OSAF #450

羽根車直径 0.450 m
吐出口面積 0.163 m²



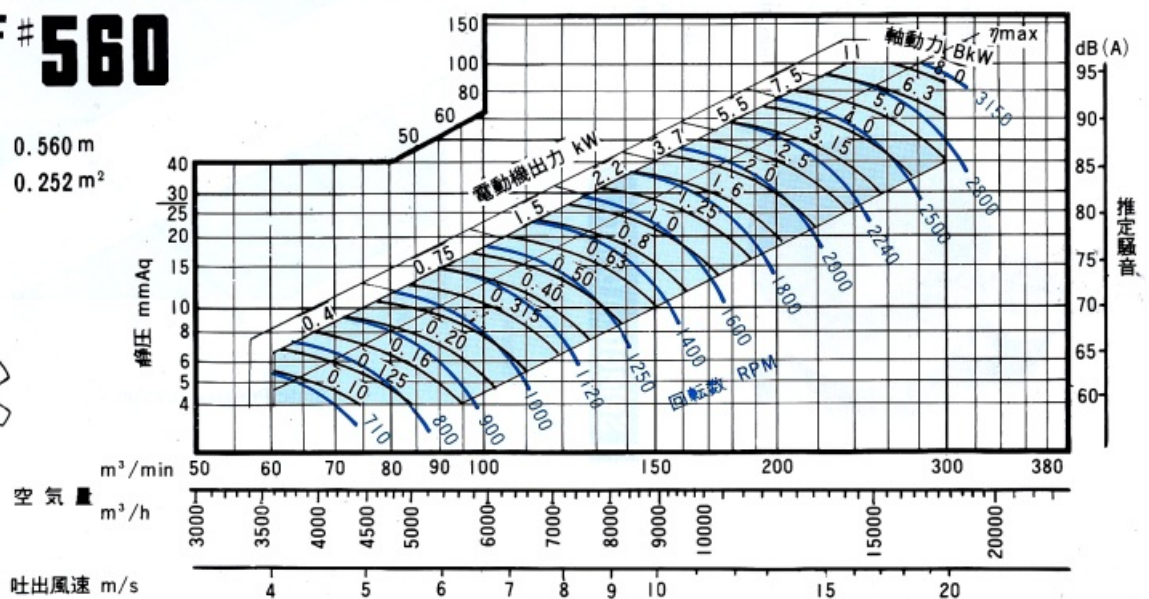
OSAF #500

羽根車直径 0.500 m
吐出口面積 0.201 m²



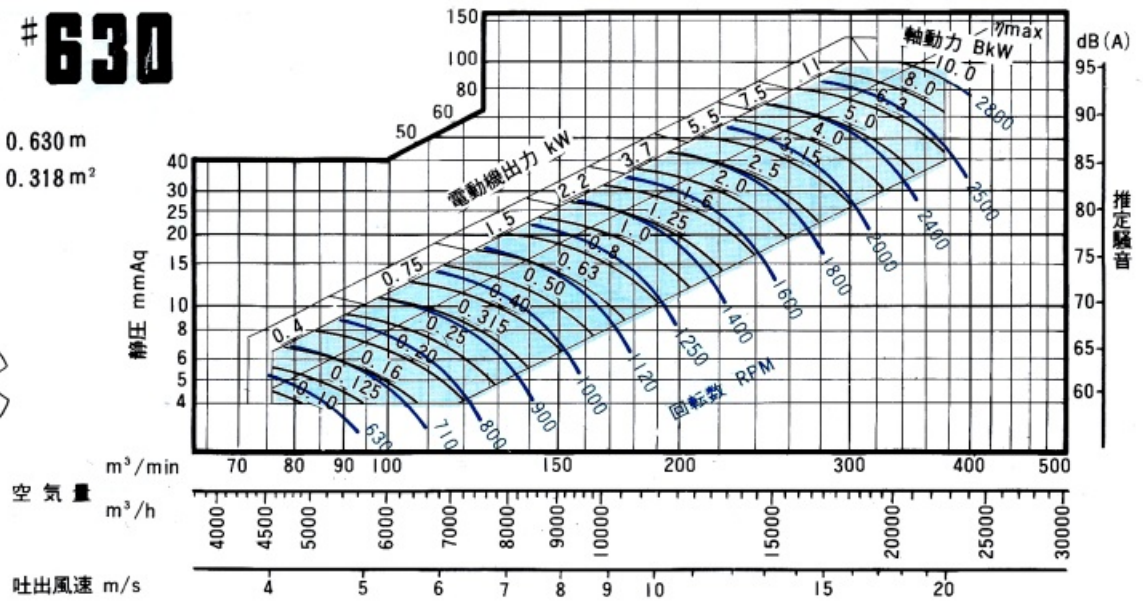
OSAF #560

羽根車直径 0.560 m
吐出口面積 0.252 m²



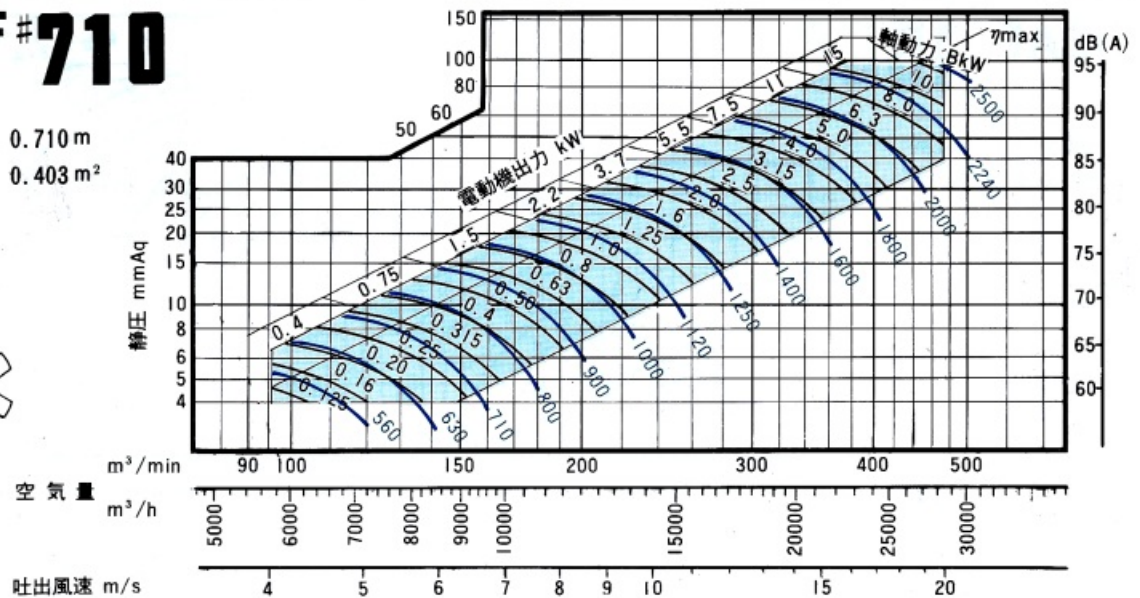
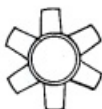
OSAF #630

羽根車直径 0.630 m
吐出口面積 0.318 m²



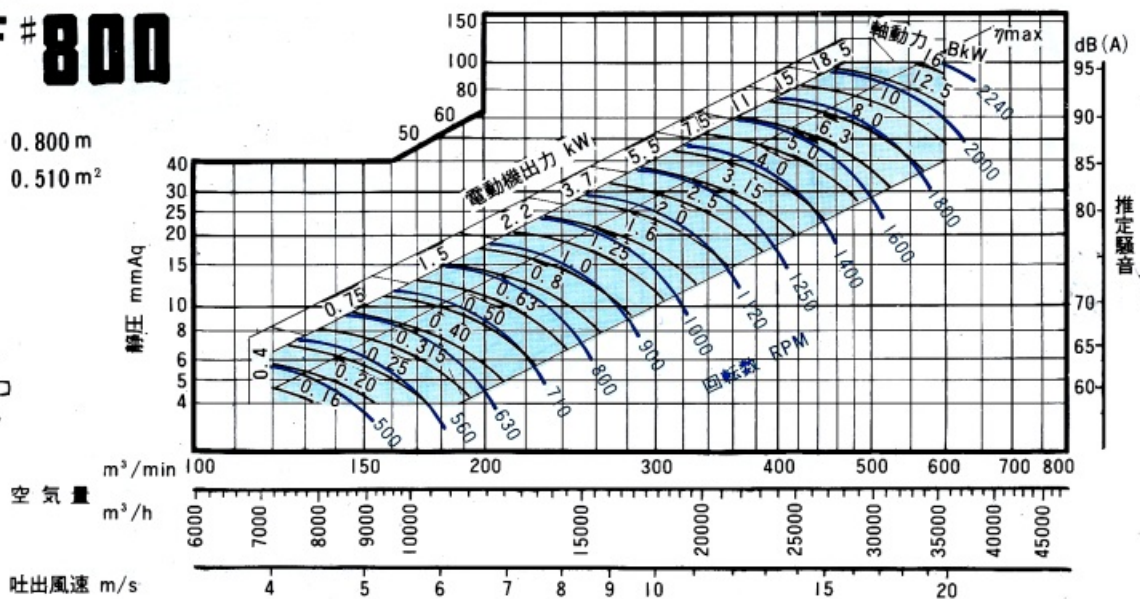
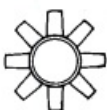
OSAF #710

羽根車直径 0.710 m
吐出口面積 0.403 m²



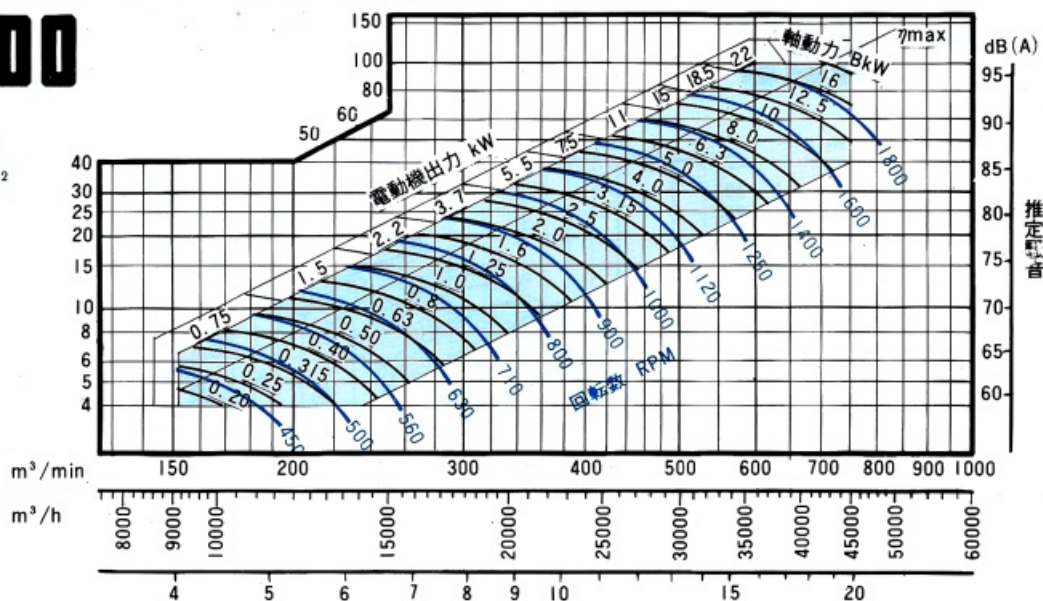
OSAF #800

羽根車直径 0.800 m
吐出口面積 0.510 m²



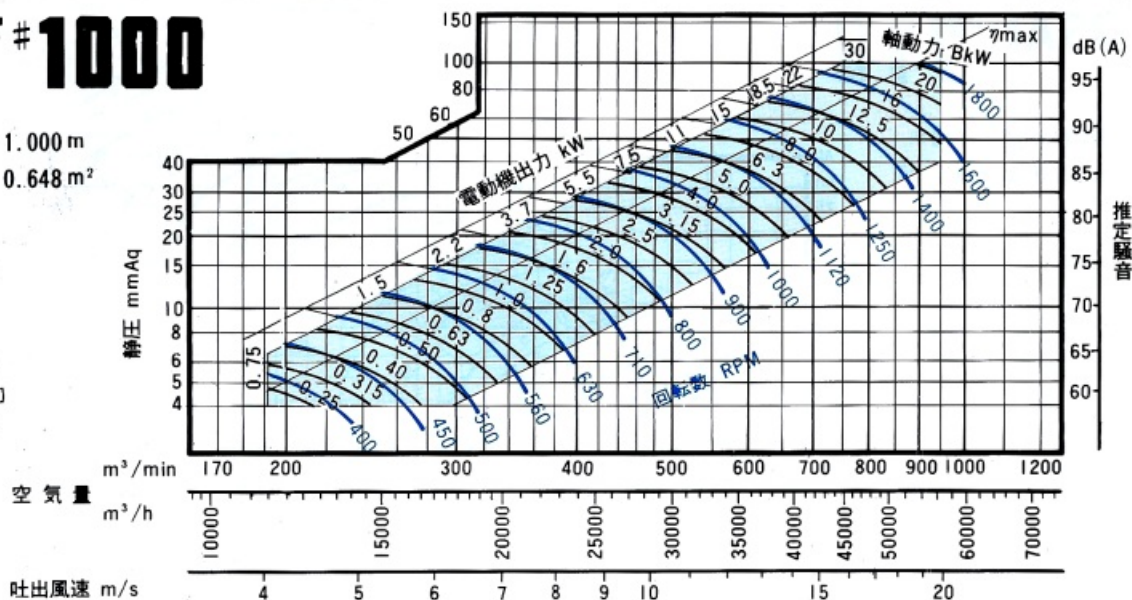
OSAF #900

羽根車直径 0.900 m
吐出口面積 0.648 m²



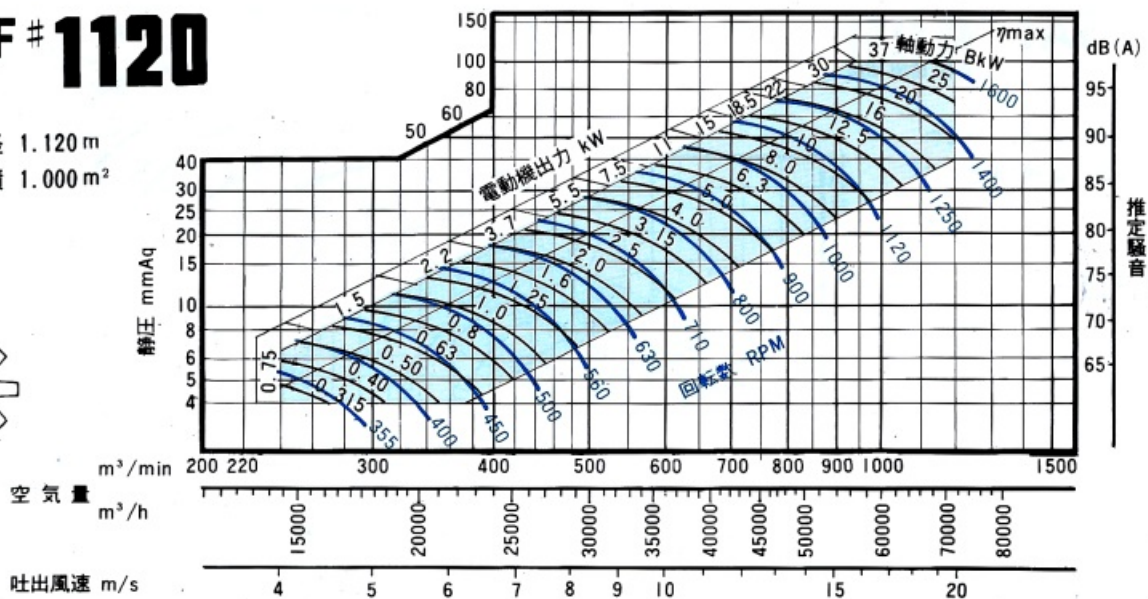
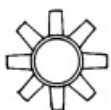
OSAF #1000

羽根車直径 1.000 m
吐出口面積 0.648 m²



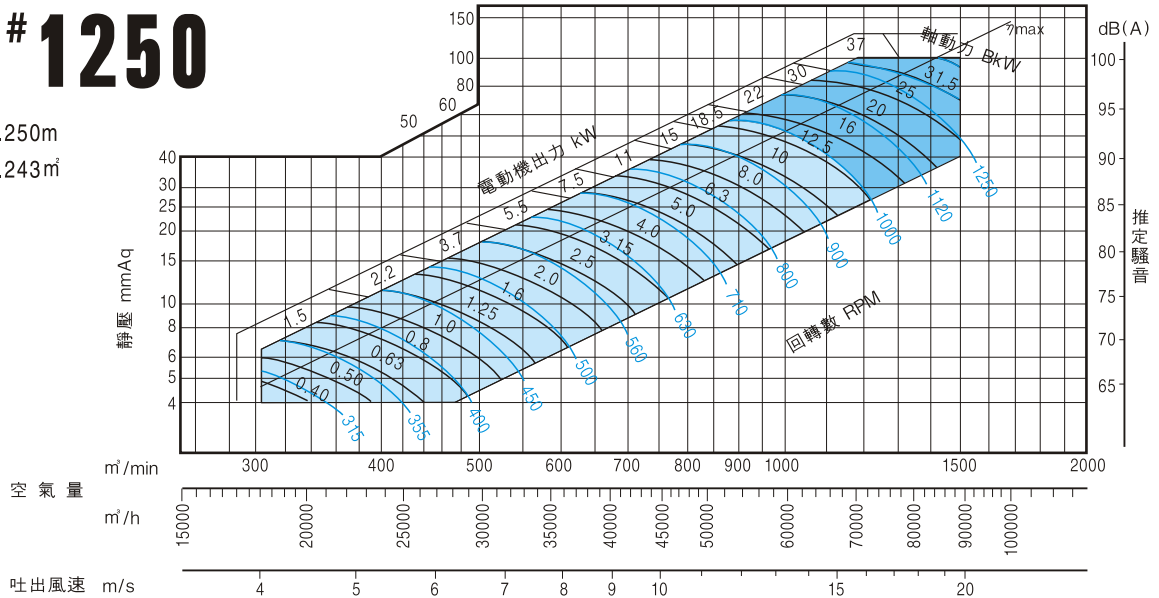
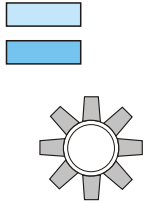
OSAF #1120

羽根車直径 1.120 m
吐出口面積 1.000 m²



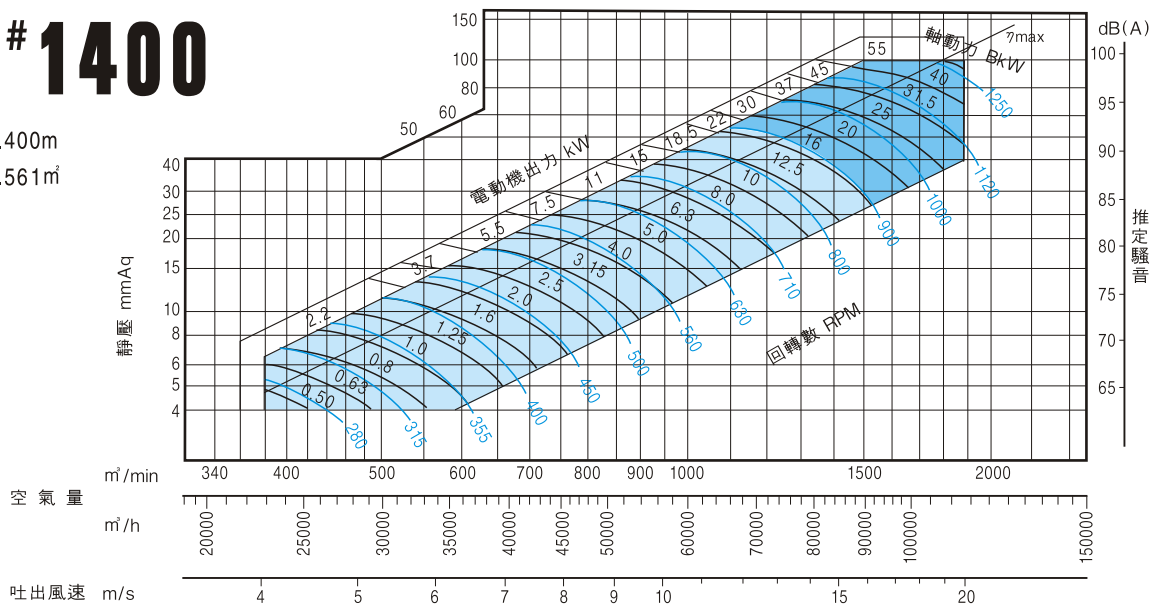
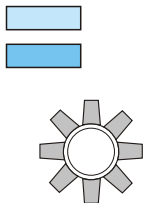
OSAF #1250

羽根車直徑 1.250m
吐出口面積 1.243m²



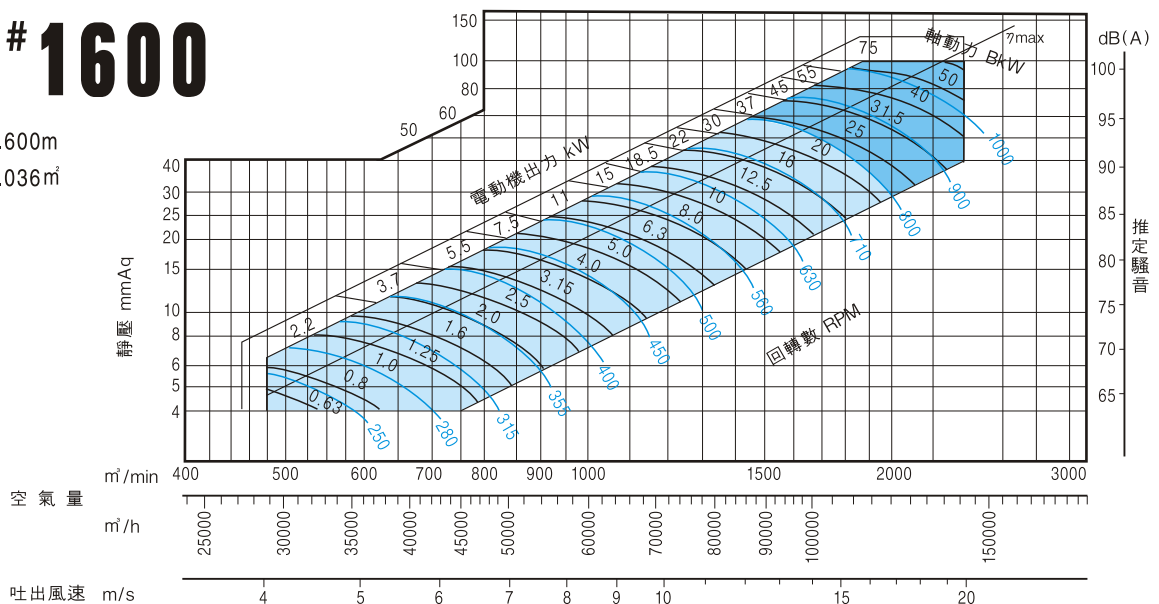
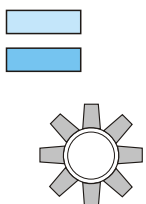
OSAF #1400

羽根車直徑 1.400m
吐出口面積 1.561m²



OSAF #1600

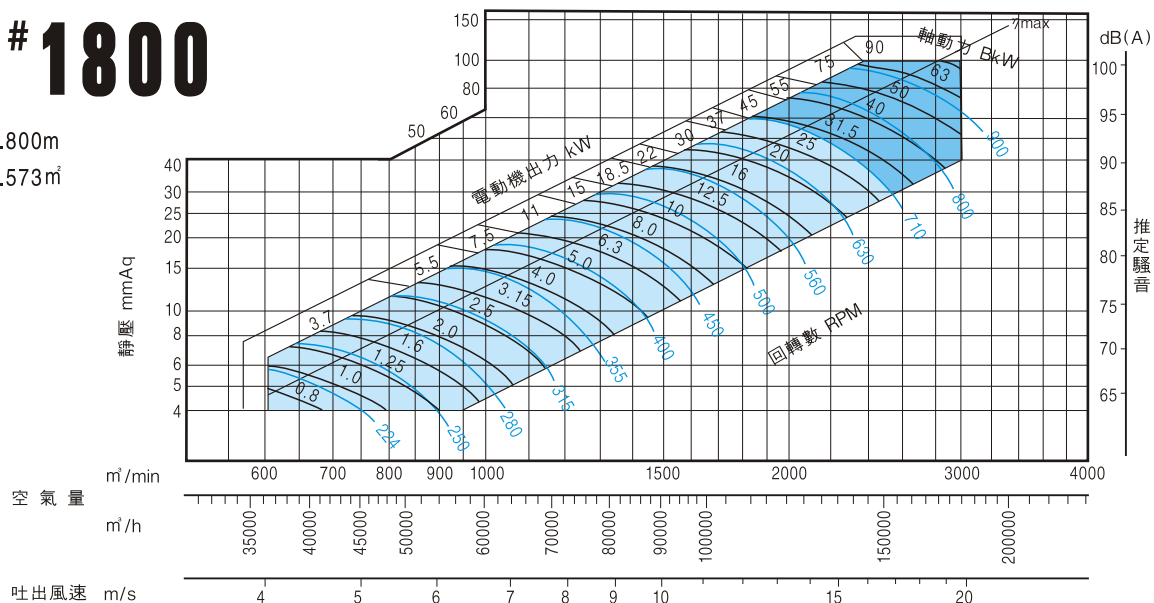
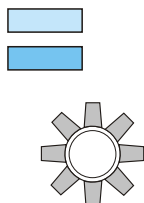
羽根車直徑 1.600m
吐出口面積 2.036m²





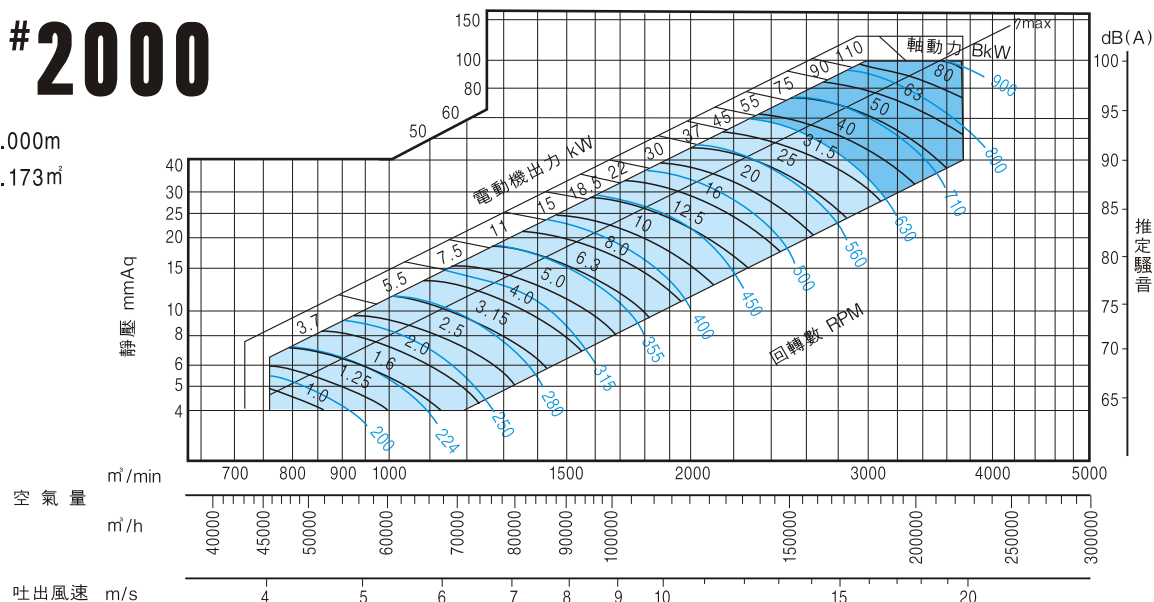
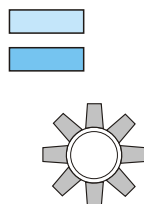
OSAF #1800

羽根車直徑 1.800m
吐出口面積 2.573m²



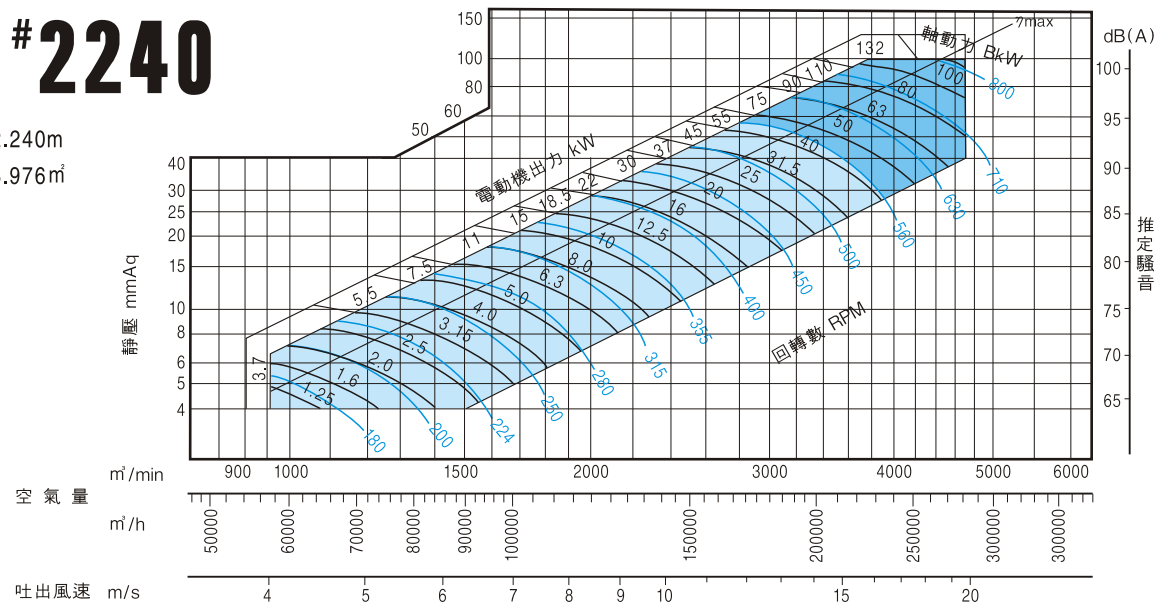
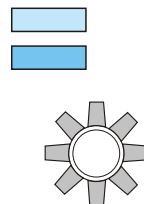
OSAF #2000

羽根車直徑 2.000m
吐出口面積 3.173m²



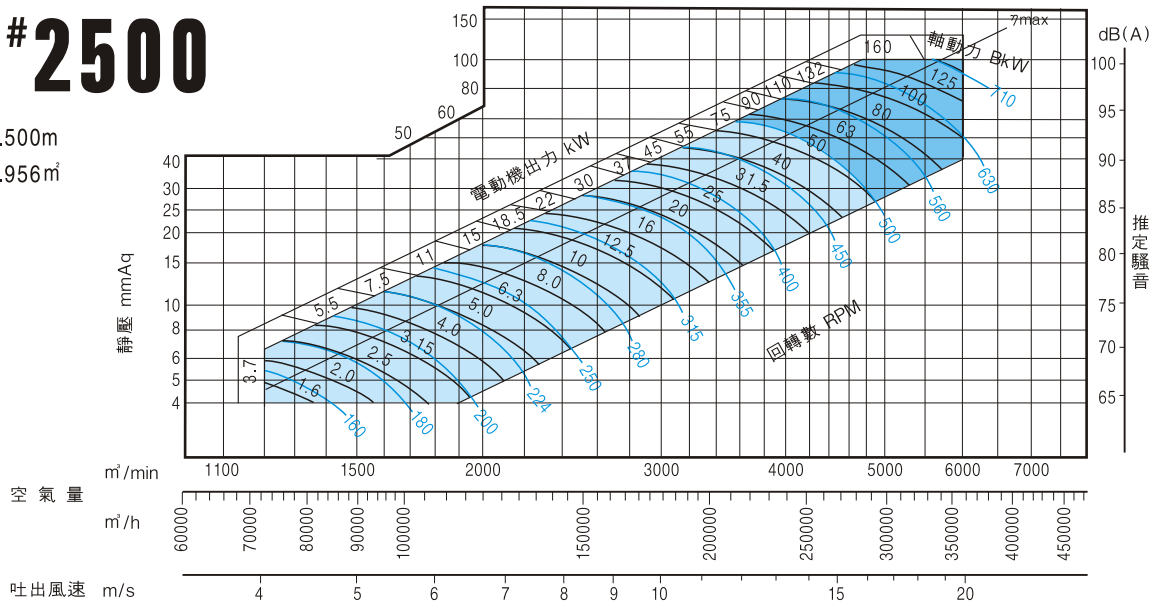
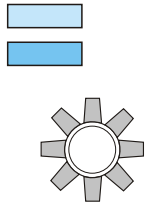
OSAF #2240

羽根車直徑 2.240m
吐出口面積 3.976m²



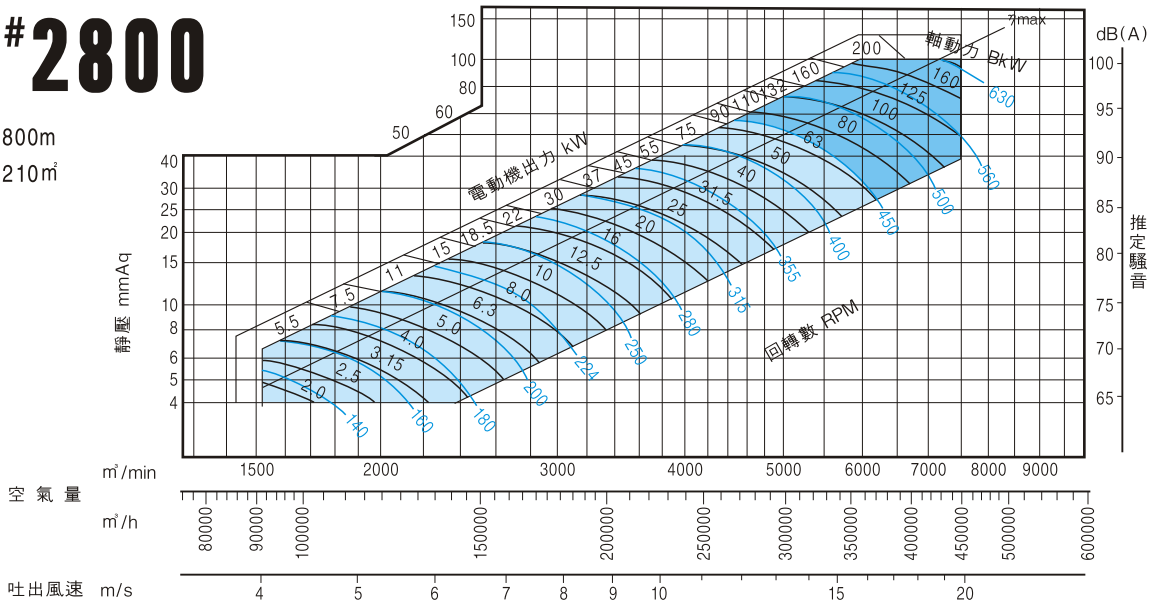
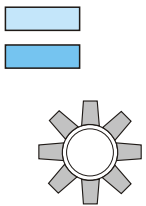
OSAF #2500

羽根車直徑 2.500m
吐出口面積 4.956m²



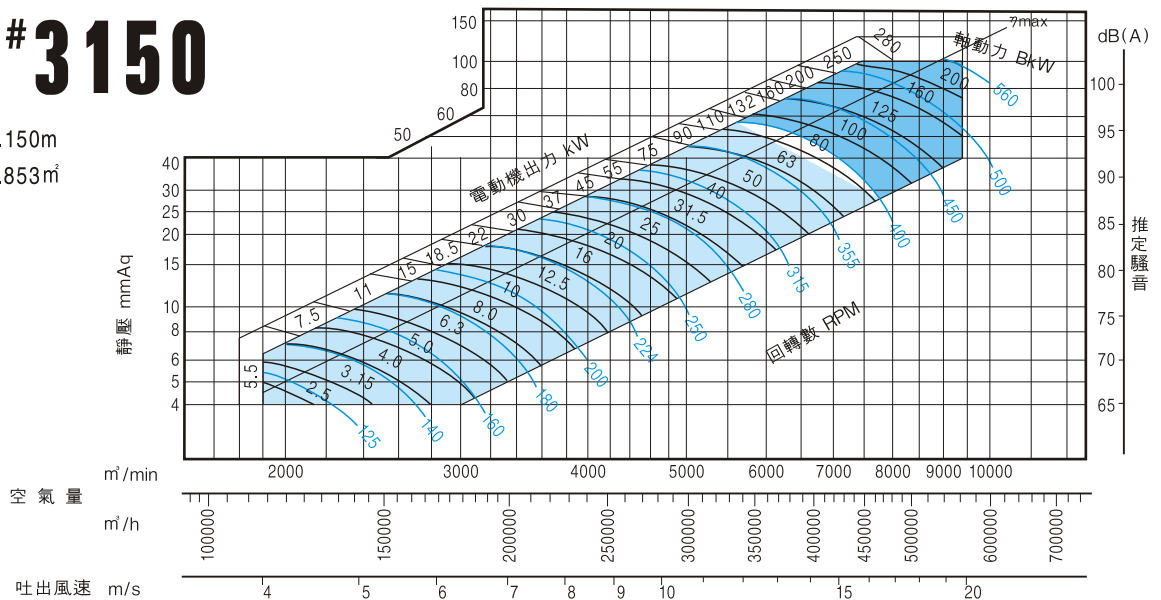
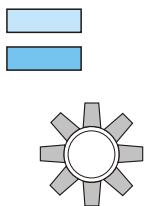
OSAF #2800

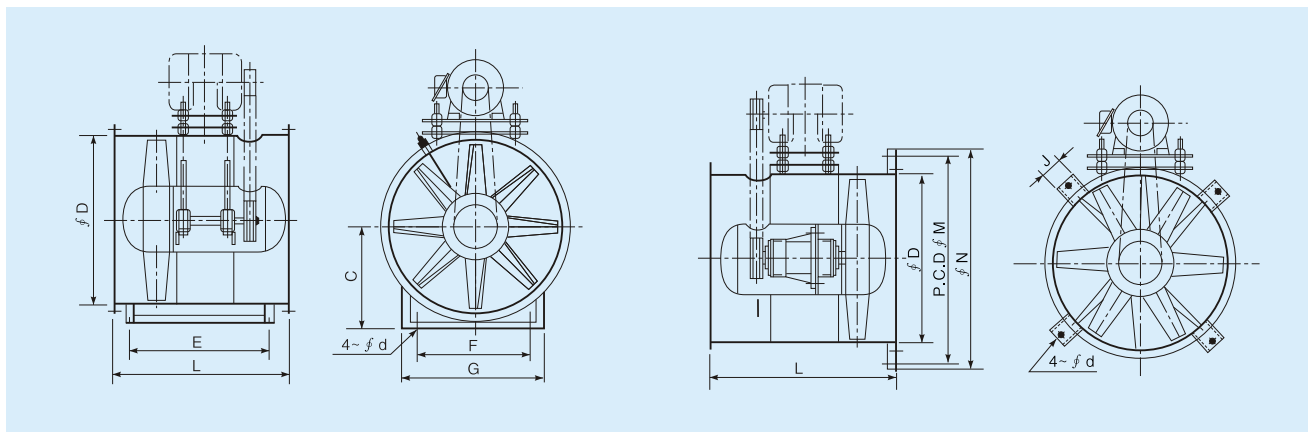
羽根車直徑 2.800m
吐出口面積 6.210m²



OSAF #3150

羽根車直徑 3.150m
吐出口面積 7.853m²





Dimensions

Model No	Common		H Type					V Type			
	D	L	C	E	F	G	f d	J	M	N	f d
OAF-400	400	400	260	365	280	340	11	50	520	570	11
OAF-450	450	450	285	410	320	380	11	50	570	620	11
OAF-500	500	500	315	460	340	420	11	50	620	670	11
OAF-550	550	600	340	560	380	460	15	75	700	750	15
OAF-650	650	650	390	600	470	550	15	75	800	850	15
OAF-700	700	700	425	625	500	580	15	75	850	900	15
OAF-800	800	800	475	725	560	660	15	100	950	1000	15
OAF-900	900	900	525	825	640	740	19	100	1040	1100	19
OAF-1000	1000	900	590	825	700	800	19	100	1150	1200	19
OAF-1150	1150	900	670	825	700	800	19	125	1290	1360	19
OAF-1250	1250	1000	750	900	800	950	19	125	1450	1550	19
OAF-1400	1400	1000	800	900	860	1060	19	150	1600	1700	19
OAF-1600	1600	1100	900	1000	900	1180	19	150	1800	1900	19
OAF-1800	1800	1200	1030	1000	1020	1320	19	150	2030	2130	19
OAF-2000	2000	1200	1130	1075	1200	1500	24	150	2230	2230	24
OAF-2250	2250	1200	1250	1075	1400	1700	24	200	2500	2580	24
OAF-2500	2500	1200	1400	1075	1600	1900	24	200	2750	2830	24

