



AC External Rotor Axial Fan

Φ145-800 Specifications 技术参数



- AC External Rotor Motor
- Cold rolled steel plate /PA66
- Maintenance-free ball bearings
- Class "F" , IP44/IP54
- Thermal Overload Protector
- Operation Temperature: -30° C to 60° C
- Life time: over 30,000 hours
- CCC & CE listed; RoSH & ErP2015 compliant
- EMC: EMC EN61000-6-3; EN 61000-6-1; EN61000-6-2/3
- Warrent: 12monthes

MODEL	Voltage Range (VAC)	Voltage 工作电压 (VAC)	Freq. (Hz)	Air flow (M³/H/CFM)	Power (Watt)	Speed (RPM)	Current (Amp)	Noise (dB)	N.W (kg)		
YWF145-2DA	361-399	380	50	260/153	55	2800	0.15	46	2.00		
YWF145-2DB	380-420	400	60	300/177	35	3200	0.10	49	2.00		
YWF165-2DA	361-399	380	50	270/159	50	2800	0.15	47	2.00		
YWF165-2DB	380-420	400	60	320/189	60	3200	0.10	50	2.00		
YWF185-2EA	209-231	220	50	650/382	55	2400	0.25	51	2.00		
YWF185-2EB	219-241	230	60	720/423	75	2700	0.28	52	2.00		
YWF185-2DA	361-399	380	50	650/382	55	2400	0.15	51	2.00		
YWF185-2DB	380-420	400	60	720/423	75	2700	0.18	52	2.00		
YWF200-2DA	361-399	380	50	880/518	65	2300	0.21	53	2.00		
YWF200-2DB	380-420	400	60	980/576	80	2600	0.24	55	2.00		
YWF200A-2EA	209-231	220	50	880/518	65	2300	0.30	53	2.00		
YWF200A-2EB	219-241	230	60	980/576	80	2600	0.34	55	2.00		
YWF200A-2DA	361-399	380	50	880/518	65	2300	0.60	53	2.00		
YWF200A-2DB	380-420	400	60	980/576	70	2400	0.13	55	2.00		
YWF230-2DA	361-399	380	50	1250/737	90	2700	0.23	59	2.00		
YWF230-2DB	380-420	400	60	1350/796	120	2950	0.22	61	2.00		
YWF250-2EA	209-231	220/230	50	1600/941	110	2500	0.50	65	2.80		
YWF250-2EB	209-231	220/230	60	1800/1058	130	2600	0.65	67	2.80		
YWF250-2DA	361-420	380/400	50	1600/941	110	2500	0.18	65	2.80		
YWF250-2DB	361-420	380/400	60	1800/1058	130	2600	0.22	67	2.80		
YWF250-4EA	209-231	220/230	50	950/559	50	1400	0.25	53	2.80		
YWF250-4EB	209-231	220/230	60	1100/647	60	1650	0.27	54	2.80		
YWF250-4DA	361-420	380/400	50	950/559	50	1400	0.18	53	2.80		
YWF250-4DB	361-420	380/400	60	1100/647	60	1650	0.15	54	2.80		
YWF295-4EA	209-231	220	50	1500/880	65	1200	0.30	60	2.80		
YWF295-4EB	219-241	230	60	1550/911	60	1400	0.40	80	2.80		
YWF295-4DA	361-399	380	50	1750/1027	50	1330	0.19	80	2.80		
YWF295-4DB	380-420	400	60	1950/1145	60	1450	0.17	90	2.80		
YWF300A-4EA	209-231	220	50	1750/1029	90	1350	0.42	88	2.80		
YWF300A-4EB	219-241	230	60	2000/1176	115	1600	0.51	80	2.80		
YWF300A-4DA	361-399	380	50	1750/1029	90	1380	0.25	88	2.80		
YWF300A-4DB	380-420	400	60	2000/1176	120	1640	0.26	80	2.80		
YWF300B-2EA	209-231	220	50	3000/1764	270	2750	1.20	72	2.80		
YWF300B-2EB	209-231	220	60	3400/1972	400	3000	2.00	73	2.80		



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YWF300B-2DA	361-399	380	50	3000/1764	270	2750	0.56	72	2.80		
YWF300B-2DB	380-420	400	60	3200/1882	400	3100	0.70	73	2.80		
YWF350-4EA	209-231	220/230	50	2700/1588	135	1380	0.60	58	2.80		
YWF350-4EB	209-231	220/230	60	3000/1765	190	1550	0.83	60	2.80		
YWF350-4DA	361-420	380/400	50	2700/1588	135	1360	0.30	58	2.80		
YWF350-4DB	361-420	380/400	60	3000/1765	170	1500	0.34	60	2.80		
YWF350-6EA	209-231	220/230	50	1560/920	75	950	0.40	53	2.80		
YWF350-6EB	209-231	220/230	60	1800/1060	83	1100	0.37	54	2.80		
YWF350-6DA	361-420	380/400	50	1560/920	70	920	0.29	53	2.80		
YWF350-6DB	361-420	380/400	60	1800/1060	80	1050	0.20	54	2.80		
YWF400-4EA	209-231	220/230	50	3700/2176	180	1350	0.90	60	4.00		
YWF400-4EB	209-231	220/230	60	4100/2411	260	1580	1.22	62	4.00		
YWF400-4DA	361-420	380/400	50	3700/2176	180	1370	0.50	60	4.00		
YWF400-4DB	361-420	380/400	60	4100/2411	240	1620	0.47	62	4.00		
YWF400-6EA	209-231	220/230	50	2600/1530	100	950	0.50	49	4.00		
YWF400-6EB	209-231	220/230	60	3000/1765	120	1100	0.54	52	4.00		
YWF400-6DA	361-420	380/400	50	2600/1530	100	930	0.31	49	4.00		
YWF400-6DB	361-420	380/400	60	3000/1765	120	1100	0.31	52	4.00		
YWF400A-4EA	209-231	220	50	4400/2588	230	1350	1.10	62	5.50		
YWF400A-4EB	219-241	230	60	5000/2941	280	1600	1.20	64	5.50		
YWF400A-4DA	361-399	380	50	4400/2588	230	1350	0.50	62	5.50		
YWF400A-4DB	380-420	400	60	5000/2941	280	1600	0.60	64	5.50		
YWF420-4EA	209-231	220	50	5300/3117	300	1350	1.50	65	5.50		
YWF420-4EB	219-241	230	60	5800/3411	400	1580	1.80	68	5.50		
YWF420-4DA	361-399	380	50	5300/3117	280	1370	0.65	65	5.50		
YWF420-4DB	380-420	400	60	5800/3411	380	1600	0.90	68	5.50		
YWF450-4EA	209-231	220/230	50	4500/2650	250	1350	1.10	62	8.00		
YWF450-4EB	209-231	220/230	60	4800/2825	280	1600	1.20	64	8.00		
YWF450-4DA	361-420	380/400	50	4500/2650	250	1350	0.50	62	8.00		
YWF450-4DB	361-420	380/400	60	4800/2825	280	1600	0.60	64	8.00		
YWF450-6EA	209-231	220/230	50	2900/1705	135	920	0.65	56	8.00		
YWF450-6EB	209-231	220/230	60	3400/2000	170	1100	0.75	58	8.00		
YWF450-6DA	361-420	380/400	50	2900/1705	135	910	0.31	56	8.00		
YWF450-6DB	361-420	380/400	60	3400/2000	170	1030	0.34	58	8.00		
YWF450A-4EA	209-231	220	50	6800/4000	480	1350	2.20	66	8.00		
YWF450A-4EB	219-241	230	60	5600/3294	380	1350	1.75	64	8.00		
YWF450A-4DA	361-399	380	50	6800/4000	480	1350	1.15	66	8.00		
YWF450A-4DB	380-420	400	60	5600/3294	380	1350	0.80	64	8.00		
YWF500-4EA	209-231	220/230	50	6500/3835	420	1320	1.90	69	9.00		
YWF500-4EB	209-231	220/230	60	6800/4000	500	1450	2.30	70	9.00		
YWF500-4DA	361-420	380/400	50	6500/3835	420	1350	0.90	69	9.00		
YWF500-4DB	361-420	380/400	60	6800/4000	500	1500	1.00	70	9.00		
YWF500-6EA	209-231	220/230	50	4320/2541	220	900	1.10	65	9.00		



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YWF500-6EB	209-231	220/230	60	4800/2823	250	1020	1.35	66	9.00		
YWF500-6DA	361-420	380/400	50	4320/2541	220	900	0.60	65	9.00		
YWF500-6DB	361-420	380/400	60	4800/2823	250	1100	0.65	66	9.00		
YWF500A-4E	380-420	380/400	50	9000/5500	800	1350	1.65	80	8.00		
YWF550-4EA	209-231	220/230	50	7800/4588	550	1320	2.50	73	9.00		
YWF550-4EB	209-231	220/230	60	8500/5000	725	1450	3.30	74	9.00		
YWF550-4DA	361-420	380/400	50	7800/4588	550	1350	1.10	73	9.00		
YWF550-4DB	361-420	380/400	60	5000/2941	725	1540	1.40	74	9.00		
YWF550-6EB	209-231	220/230	60	7000/4117	465	1060	2.15	66	9.00		
YWF550-6DA	361-420	380/400	50	6500/3823	320	900	0.95	62	9.00		
YWF550-6DB	361-420	380/400	60	7000/4117	465	1060	1.00	66	9.00		
YWF600-4D	380-420	380/400	50	10200/6000	800	1350	1.50	73	9.00		
YWF600-6EA	209-231	220	50	9500/5605	500	910	2.40	67	9.00		
YWF600-6EB	219-241	230	60	9900/5823	640	1080	2.90	69	9.00		
YWF600-6DA	361-399	380	50	9500/5605	500	920	1.50	67	9.00		
YWF600-6DB	361-399	380	60	9900/5823	650	1070	1.50	69	9.00		
YWF630-4D	361-420	380/400	50	11600/6823	800	1350	1.60	75	9.00		
YWF630-4EA	209-231	220/230	50	10700/6294	520	900	2.50	67	9.00		
YWF630-4EB	209-231	220/230	60	11200/6588	705	1050	3.25	69	9.00		
YWF630-6DA	361-420	380/400	50	10700/6294	520	900	1.40	67	9.00		
YWF630-6DB	361-420	380/400	60	11200/6588	740	1060	1.56	69	9.00		
YWF630-8E	209-231	220/230	50	7000/4117	250	680	1.30	60	9.00		
YWF630-8D	361-420	380/400	60	7000/4117	250	680	0.70	60	9.00		
YWF630A-4DA	361-420	380/400	50	15000/8700	1550	1400	3.00	76	10.00		
YWF630A-4DB	361-420	380/400	50	13000/7540	1250	1150	2.00	74	10.00		
YWF710-6DA	361-420	380/400	50	15000/8700	1100	900	2.00	75	10.00		
YWF710-6DB	361-420	380/400	50	5600/3294	750	600	1.40	68	10.00		
YWF710-8DA	361-420	380/400	50	13000/7540	700	700	1.50	67	10.00		
YWF710-8DB	361-420	380/400	50	5600/3294	450	600	0.90	65	10.00		
YWF710A-4DA	361-420	380/400	50	20000/11600	2550	1380	4.60	85	11.00		
YWF710A-4DB	361-420	380/400	50	17000/9860	1250	1150	2.00	80	11.00		
YWF800-6DA	361-420	380/400	50	25000/14500	1850	900	3.70	80	11.00		
YWF800-6DB	361-420	380/400	50	19000/11020	1250	700	2.30	77	11.00		
YWF800A-6DA	361-420	380/400	50	25000/14500	1850	900	3.70	80	11.00		
YWF800A-6DB	361-420	380/400	50	19000/11020	1250	700	2.30	77	11.00		

Outline & Wiring Diagram

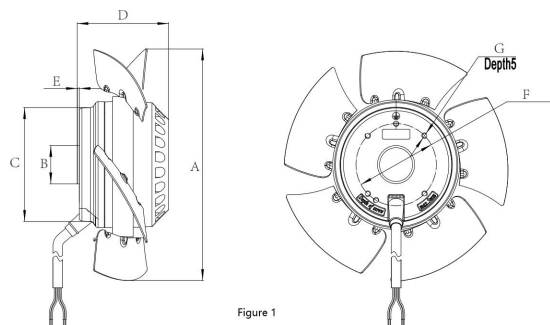
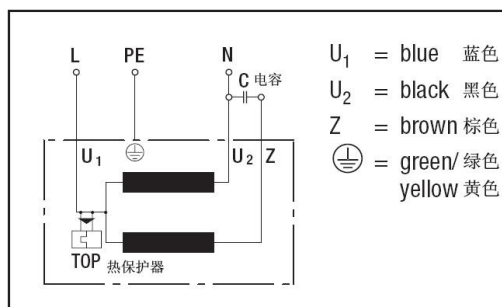


Figure 1



220V

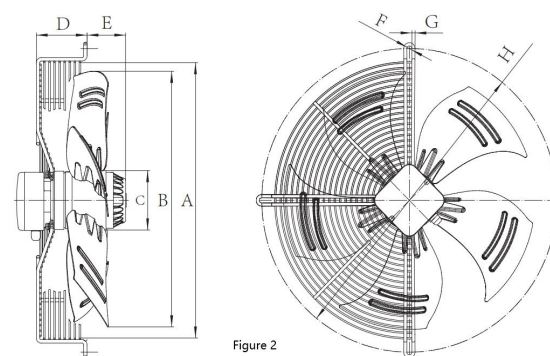
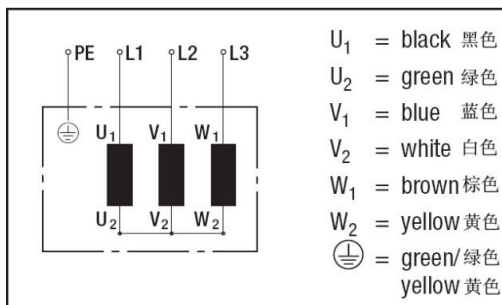


Figure 2



380V/400V

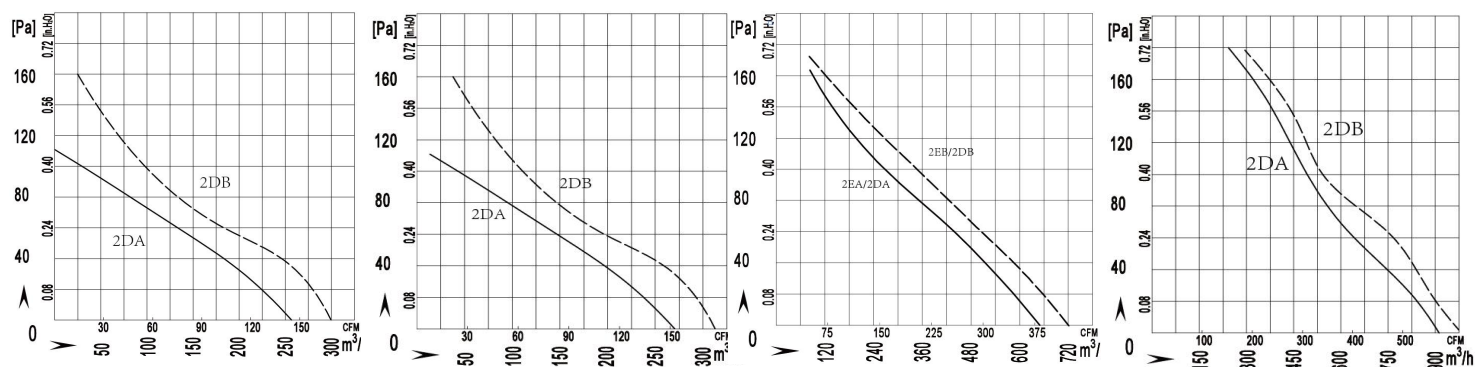
Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F (mm)	G(mm)	H(mm)	Figure	Remark
YWF145	145	27	80.5	66	1.5	58	4-M4	/	Figure 1	
YWF165	165	27	80.5	66	1.5	58	4-M4	/	Figure 1	
YWF185	185	27	80.5	66	1.5	58	4-M4	/	Figure 1	
YWF200	200	27	80.5	67	1.5	58	4-M4	/	Figure 1	
YWF200A	230	200	92	65	20.0	8	4	260	Figure 2	
YWF230	230	27	80.5	77	1.5	58	4-M4	/	Figure 1	
YWF250	280	250	92	75	21	7	4	322.5	Figure 2	
YWF295	295	27	92	62.3	1.5	58	4-M4	/	Figure 1	
YWF300A	321	300	92	80	34	7	4	360	Figure 2	
YWF300B	320	300	102	/	/	9	/	360	Figure 2	
YWF350	372.5	350	102	80	53	9	5	422	Figure 2	
YWF400	422	400	102	90	60	9	5	470	Figure 2	
YWF400A	422	400	102	90	75	9	5	470	Figure 2	
YWF420	452	420	137	36.5	114	10	6	502	Figure 2	
YWF450	474	450	102	90	68	9	5	523	Figure 2	
YWF450A	475	445	137	90	65/50	10	6	523	Figure 2	
YWF500	528	500	137	90	55	10.5	6	570	Figure 2	
YWF500A	528	500	137	90	90	10	8	570	Figure 2	
YWF550	577	550	137	100	80	10.5	6	630	Figure 2	
YWF600	623	600	137	100	80	10	8	679	Figure 2	
YWF630	657	630	137	100	84	10	8	755	Figure 2	
YWF710	774	710	180	175	80	14	10	845	Figure 2	
YWF800	860	800	180	190	90	14	9	920	Figure 2	



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Curves

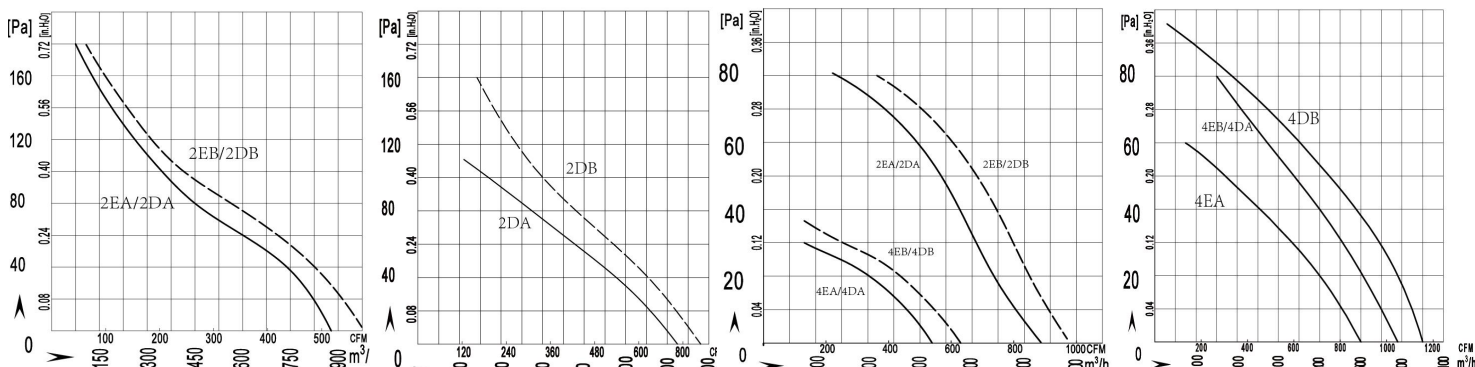


YWF145

YWF165

YWF185

YWF200

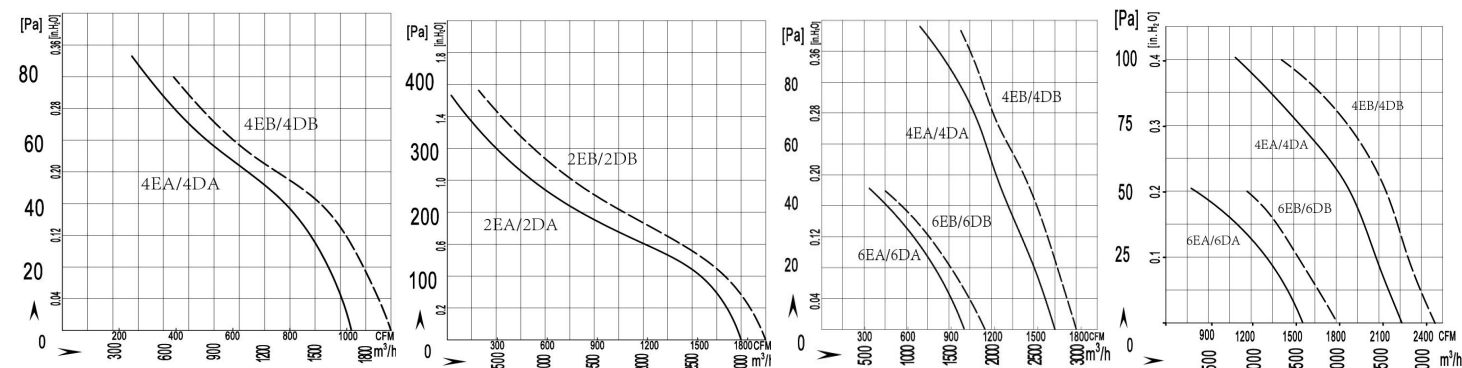


YWF200A

YWF230

YWF250

YWF295

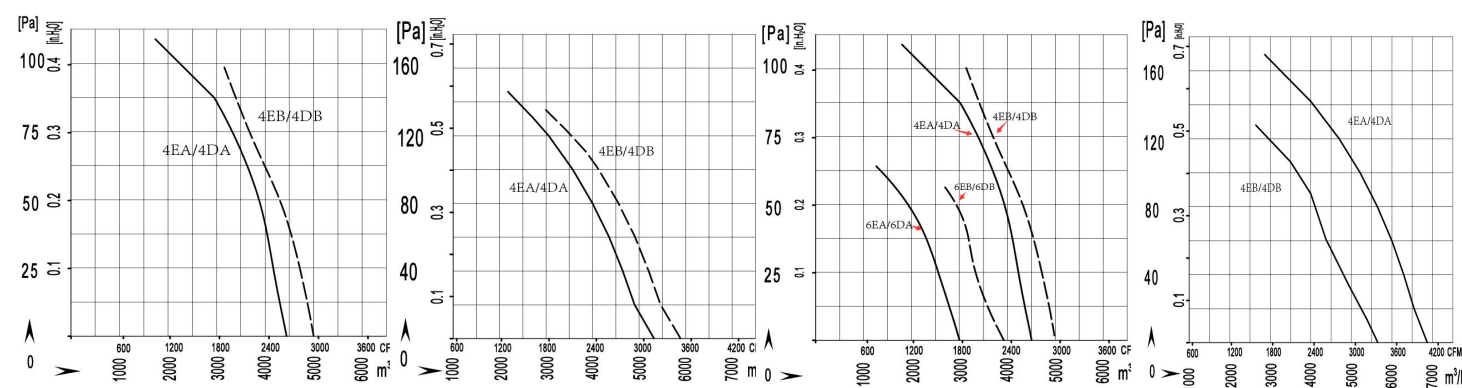


YWF300A

YWF300B

YWF350

YWF400



YWF400A

YWF420

YWF450

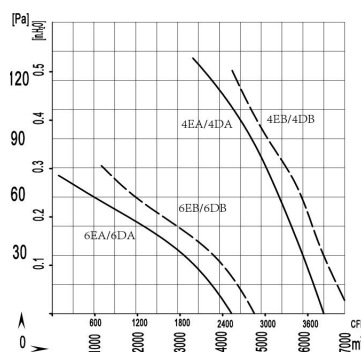
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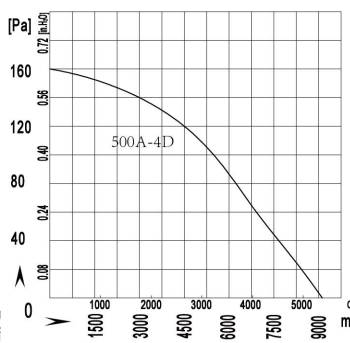
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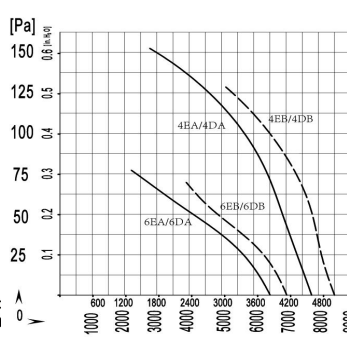
Curves



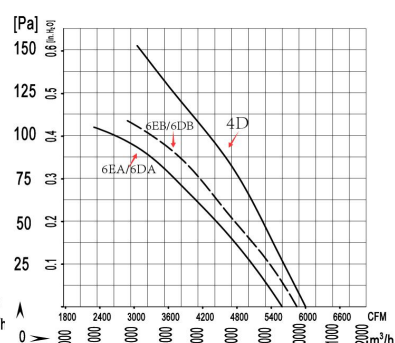
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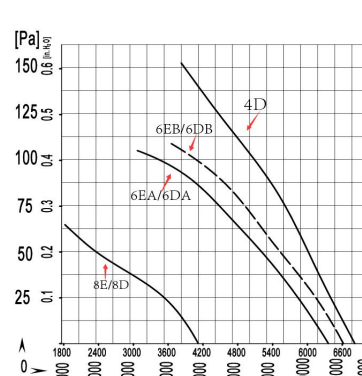
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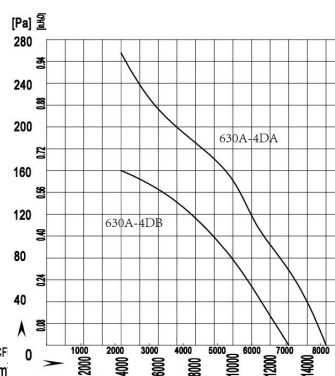
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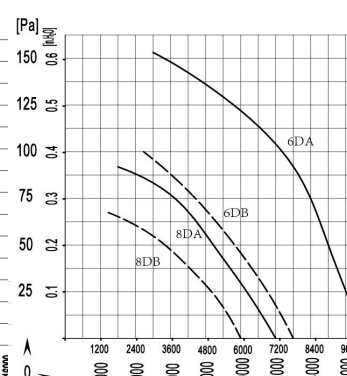
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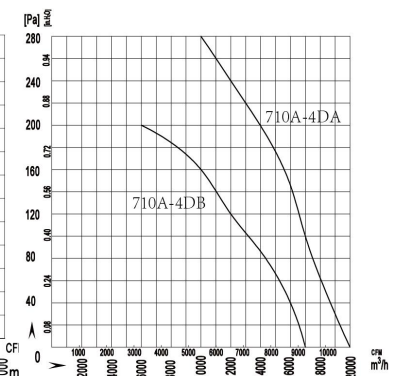
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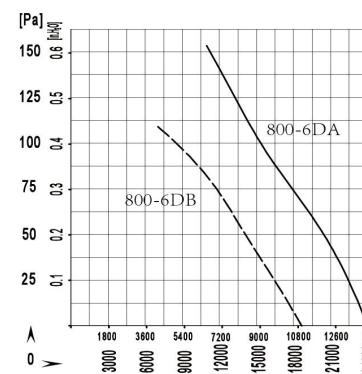
YWF630A



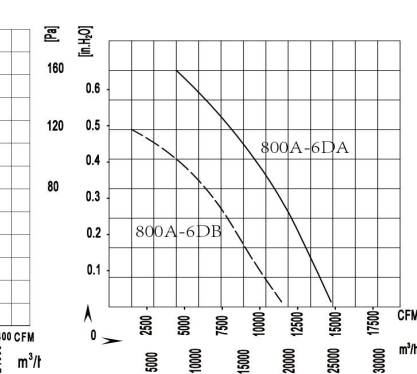
YWF710



YWF710A



YWF800



YWF800A