



AIRBEN

VENTILATION

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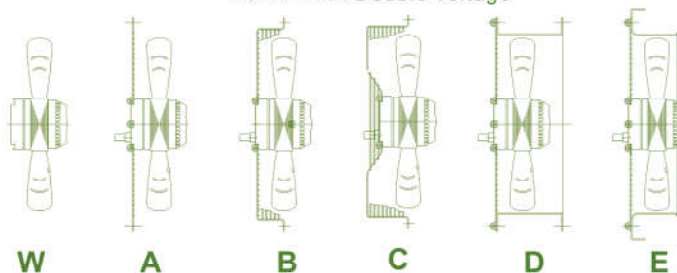
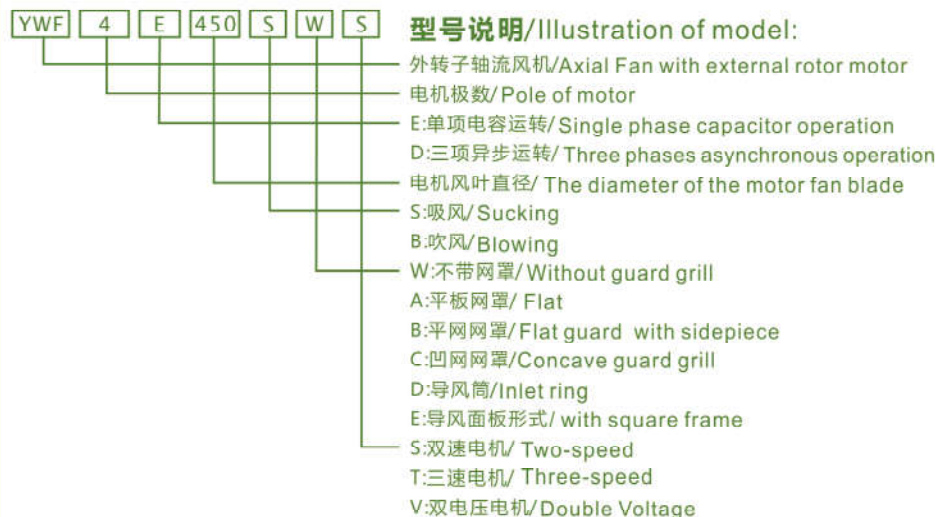
La ventilation par excellence

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✉ contact@airben.tn
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AXIAL FAN WITH EXTERNAL ROTOR MOTOR

外转子轴流风机

- ★ YWF series external rotor motors have two kinds, single phase asynchronous capacitor fan motor and three phase asynchronous fan motor. The voltage of single phase motor is 120V, 60Hz, 220-240V, 50/60Hz. The voltage of three phases motor is 380V, 50Hz, or according to client's requirement.
- ★ Operating with 200mm to 900mm diameter fan blades.
- ★ Available with fan guard, and without. Suitable for condensing units for air conditioning and refrigeration, evaporators, exhaust fans, air heaters.
- ★ The insulation class of motor is B, and the protection class of that is IP54. All motors have thermal protector in the winding.
- ★ The service life of motors is more than 40,000 hours.
- ★ Most of external rotor motors have passed CE, ROHS, CCC and UL approval.
- ★ The applicable ambient temperature of the fan motors used in condenser is from -30°C~60°C (Can be made to special requirement -40°C~70°C).
- ★ YWF系列外转子电机有两种，单相异步电容风扇电机和三相异步风扇电机。单相电机的电压是120V, 60Hz, 220-240V, 50/60Hz。三相电机的电压为380V, 50Hz, 或根据客户的要求。
- ★ 风叶直径为200mm-900mm。
- ★ 风机分带网罩和不带网罩两种。广泛适用于冷凝装置，空气调节装置，制冷，蒸发设备，排风扇，空气加热器。
- ★ YWF系列轴流风机的绝缘等级B或F级保护等级是IP54。电机内部均设有保护器。
- ★ 电机的使用寿命为40000小时以上。
- ★ 大多数外转子电机已经通过了CE, ROHS, CCC和UL认证。
- ★ 风机使用的环境温度为-20°C~60°C (可特制-40°C~70°C)



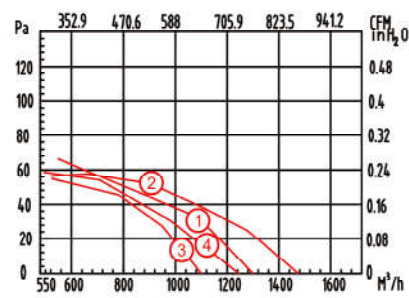
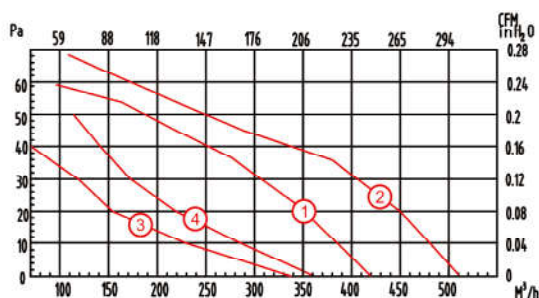


AXIAL FAN

WITH EXTERNAL ROTOR MOTOR

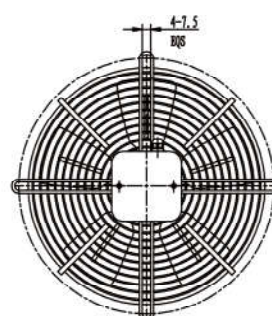
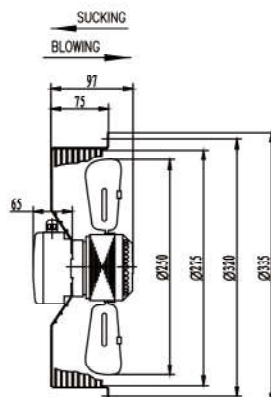
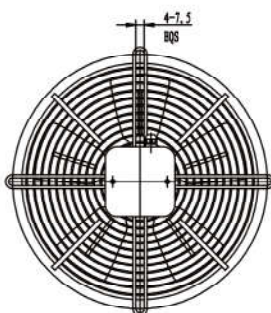
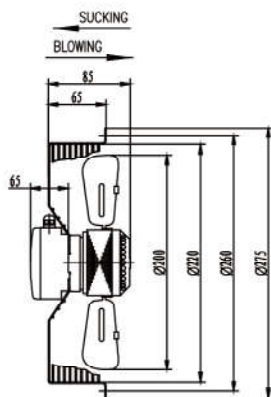
YWF SERIES

YWF200 YWF250



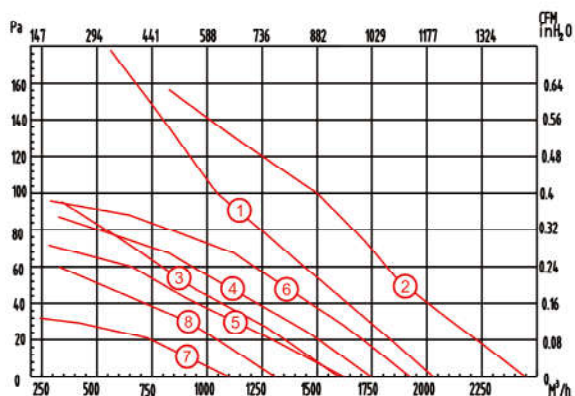
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YWF2E200	230	50/60	0.28/0.31	60/69	2300/2500	420/510	2	47/48	①②
YWF2D200	400Y	50/60	0.1/0.1	47/55	2450/2600	420/510	/	47/48	
YWF4E200	230	50/60	0.18/0.21	42/50	1400/1600	340/360	1.5	43/46	③④
YWF4D200	400 Y	50/60	0.13/0.11	33/30	1400/1600	340/360	/	43/46	

型号 MODEL	额定电压 VOLTAGE V	频率 FREQUENCY HZ	额定电流 CURRENT A	输入功率 INPUT POWER W	转速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	电容 CAPACITOR μF	噪音 NOISE dB (A)	曲线 CURVE
YWF2E250	230	50/60	0.39/0.51	85/110	2400/2450	1300/1470	3	54/56	①②
YWF2D250	400 Y	50/60	0.19/0.22	100/125	2200/2300	1300/1470	/	54/56	
YWF4E250	230	50/60	0.24/0.27	52/64	1370/1600	1100/1250	2	50/51	③④
YWF4D250	400 Y	50/60	0.24/0.18	60/65	1400/1600	1100/1250	/	50/51	
YWF4D250	110	60	0.48	55	1550	1250	6	51	④

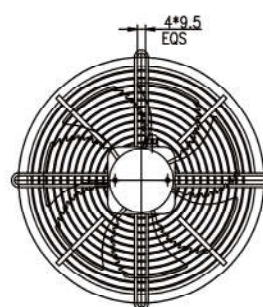
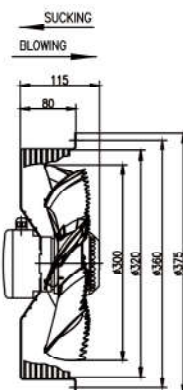
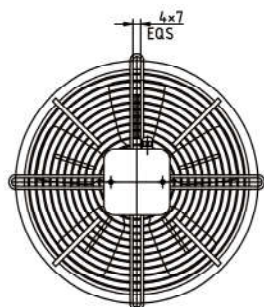
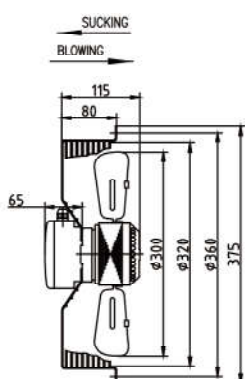




YWF300



型 号 MODEL	额定电压 VOLTAGE V	频 率 FREQUENCY HZ	额定电流 CURRENT A	输入功率 INPUT POWER W	转 速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	电 容 CAPACITOR μF	噪音 NOISE dB (A)	曲 线 CURVE
YWF2E300	230	50/60	0.75/0.8	165/175	2300/2700	2030/2450	5	65/68	①②
YWF2D300	400 Y	50/60	0.3/0.25	160/150	2500/2650	2030/2450	/	65/68	
YWF4E300	230	50/60	0.4/0.45	75/95	1350/1550	1600/1750	3	55/58	③④
YWF4D300	400 Y	50/60	0.27/0.31	75/85	1350/1550	1600/1750	/	55/58	
YWF4E300-7P	230	50/60	0.46/0.49	98/115	1340/1500	1600/1950	3	55/58	⑤⑥
YWF6E300	230	50/60	0.27/0.26	58	950/1100	1100/1300	2	48/52	⑦⑧



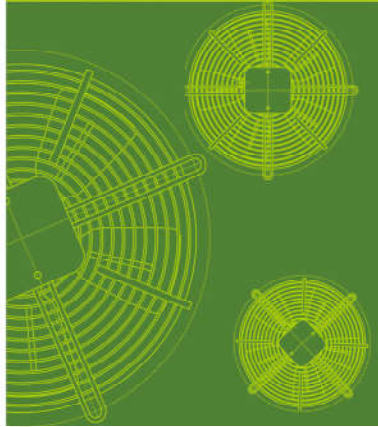
37YEARS
TECHNOLOGY
ACCUMULATION
& BRAND
REPUTATION



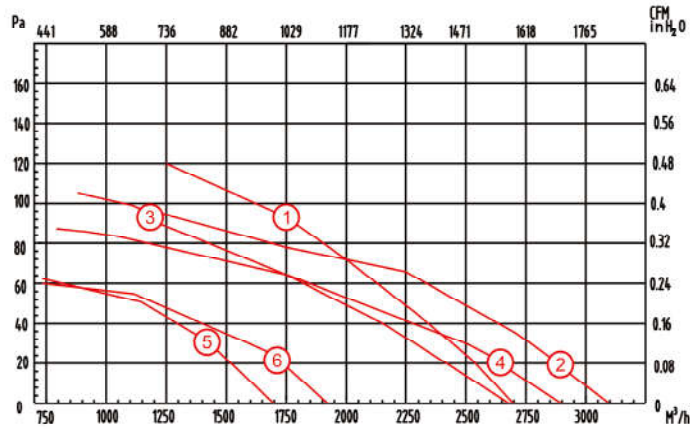
AXIAL FAN

WITH EXTERNAL
ROTOR MOTOR

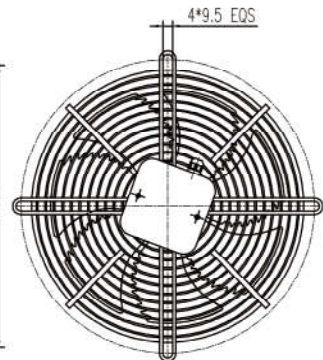
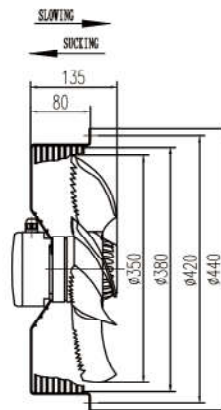
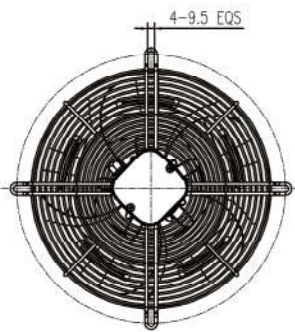
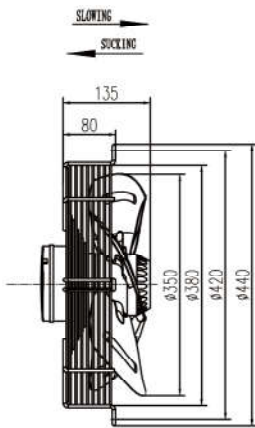
YWF SERIES



YWF350

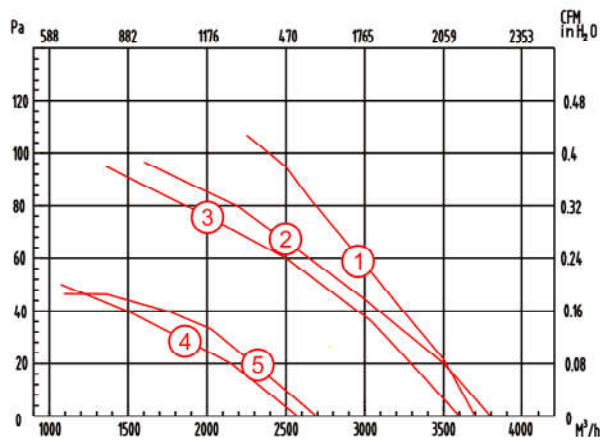


型号 MODEL	额定电压 VOLTAGE V	频率 FREQUENCY HZ	额定电流 CURRENT A	输入功率 INPUT POWER W	转速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	电容 CAPACITOR μF	噪音 NOISE dB (A)	曲线 CURVE
YWF4E350	230	50/60	0.65/0.8	150/180	1350/1550	2700/3100	4	64/67	①②
YWF4D350	400 Y	50/60	0.42/0.38	145/180	1350/1550	2700/3100	/	64/67	
YWF4E350-7P	230	50/60	0.66/0.8	145/185	1350/1480	2680/2930	4	64/68	③④
YWF6E350	230	50/60	0.35/0.4	75/85	910/1060	1700/1950	3	55/58	⑤⑥
YWF6D350	400 Y	50/60	0.25/0.22	85/80	930/1050	1700/1950	/	55/58	

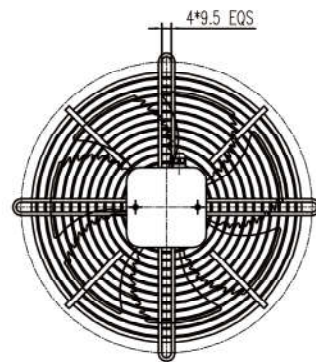
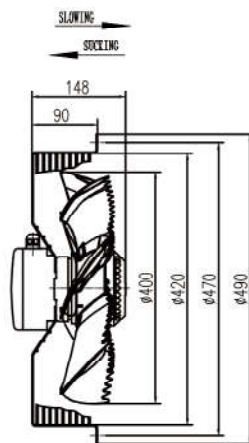
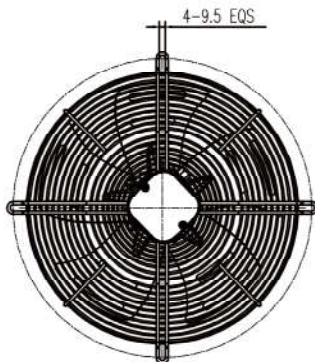
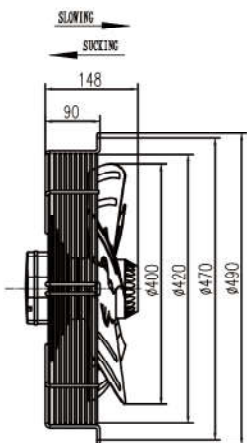




YWF400



型号 MODEL	额定电压 VOLTAGE V	频率 FREQUENCY HZ	额定电流 CURRENT A	输入功率 INPUT POWER W	转速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	电 容 CAPACITOR μF	噪音 NOISE dB (A)	曲线 CURVE
YWF4E400	230	50/60	0.77/0.9	165/205	1360/1535	3715/3800	6	67/71	①②
YWF4D400	400 Y	50/60	0.5/0.47	170/220	1370/1550	3715/3800	/	67/71	
YWF4E400-7P	230	50	0.85	196	1320	3600	6	69/73	③
YWF6E400	230	50/60	0.55/0.5	115	920/1090	2570/2700	4	59/62	④⑤
YWF6D400	400 Y	50/60	0.32/0.28	98/102	920/1090	2570/2700	/	59/62	



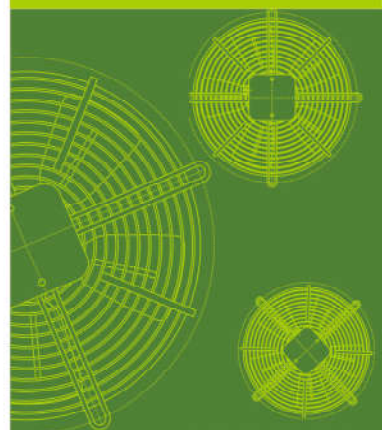
37YEARS
TECHNOLOGY
ACCUMULATION
& BRAND
REPUTATION



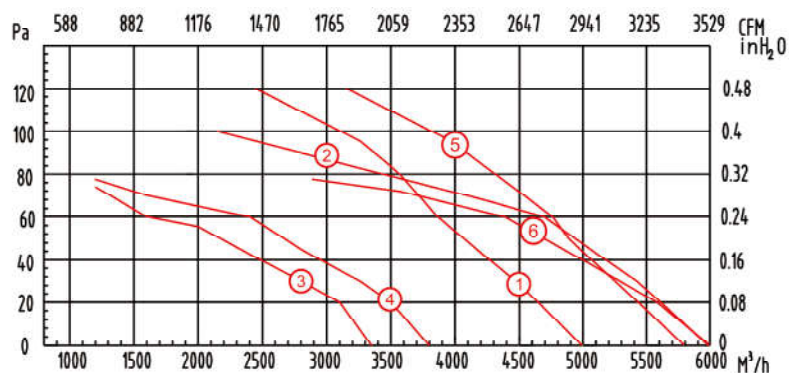
AXIAL FAN

WITH EXTERNAL
ROTOR MOTOR

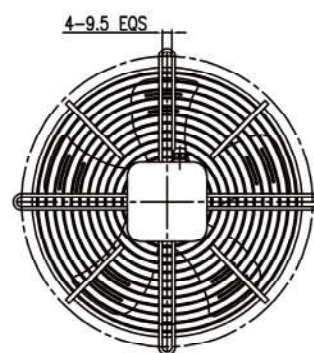
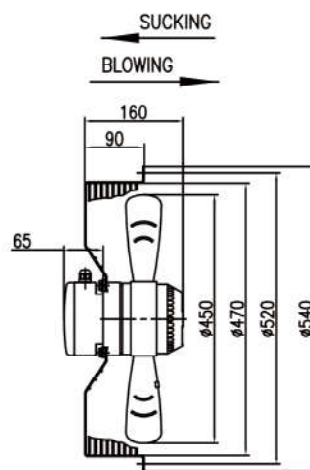
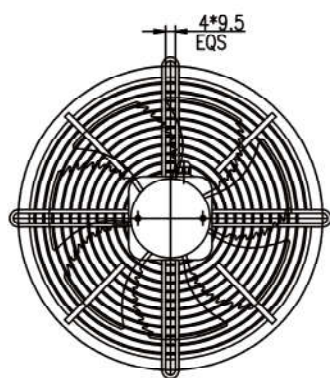
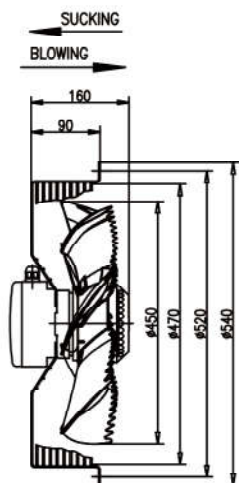
YWF SERIES



YWF450

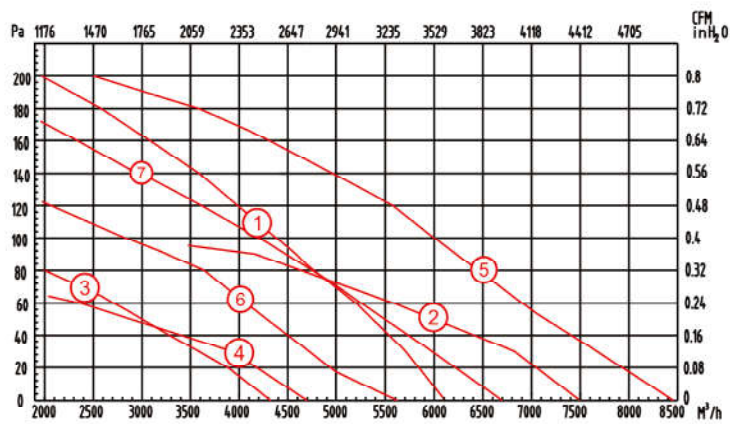


型 号 MODEL	额定电压 VOLTAGE V	频 率 FREQUENCY HZ	额定电流 CURRENT A	输入 功率 INPUT POWER W	转 速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	电 容 CAPACITOR μF	噪音 NOISE dB (A)	曲 线 CURVE
YWF4E450	230	50/60	1.1/1.5	250/350	1350/1550	5000/5980	8	67/72	①②
YWF4D450	400 Y	50/60	0.53/0.6	240/330	1350/1550	5000/5980	/	67/72	
YWF6E450	230	50/60	0.62/0.66	130/150	930/1090	3350/3800	6	63/67	③④
YWF6D450	400 Y	50/60	0.35/0.31	115/130	930/1090	3350/3800	/	63/67	
YWF4E450-7P	230	50/60	1.4/2.0	320/450	1300/1400	5800/6000	8	70/74	⑤⑥

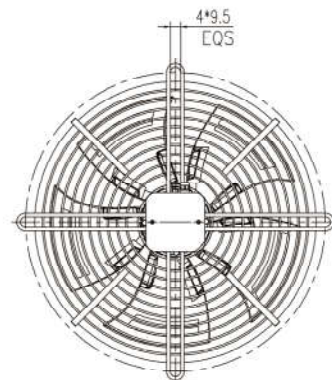
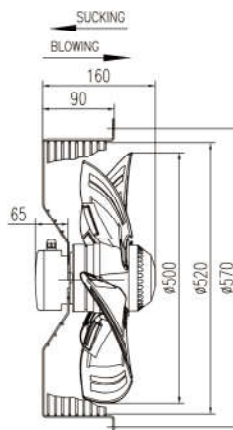
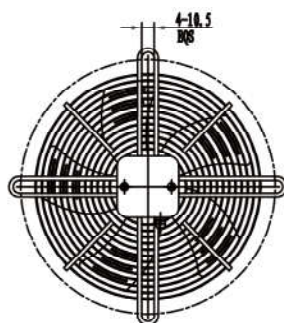
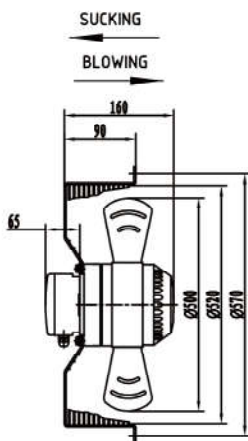




YWF500



型号 MODEL	额定电压 VOLTAGE V	频率 FREQUENCY HZ	额定电流 CURRENT A	输入功率 INPUT POWER W	转速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	电容 CAPACITOR μF	噪音 NOISE dB (A)	曲线 CURVE
YWF4E500	230	50/60	1.8/2.0	390/470	1320/1500	6100/7500	10	73/74	①②
YWF4D500	400 Y	50/60	0.74/0.82	350/440	1320/1500	6100/7500	/	73/74	
YWF6E500	230	50/60	0.65/0.9	140/190	915/1050	4300/4700	6	66/70	③④
YWF6D500	400 Y	50/60	0.44/0.41	145/175	930/1050	4300/4700	/	66/70	
YWF4E500-5P	230	50	3.0	680	1350	8450	16	75	⑤
YWF6E500-5P	230	50/60	1.3/1.8	280/400	930/1050	5600/6700	10	75/78	⑥⑦



37YEARS
TECHNOLOGY
ACCUMULATION
& BRAND
REPUTATION

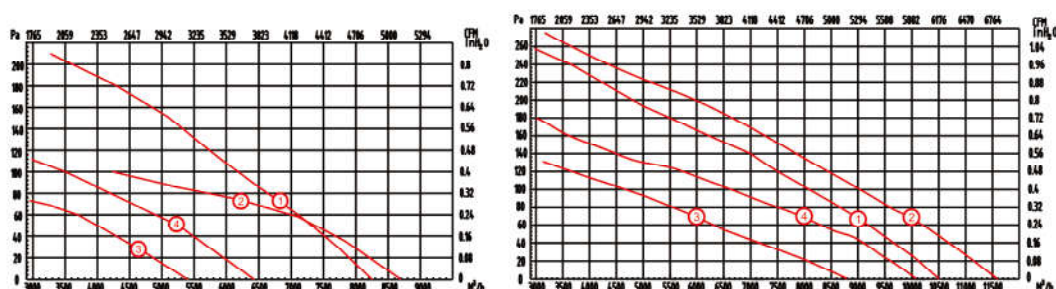


AXIAL FAN

WITH EXTERNAL ROTOR MOTOR

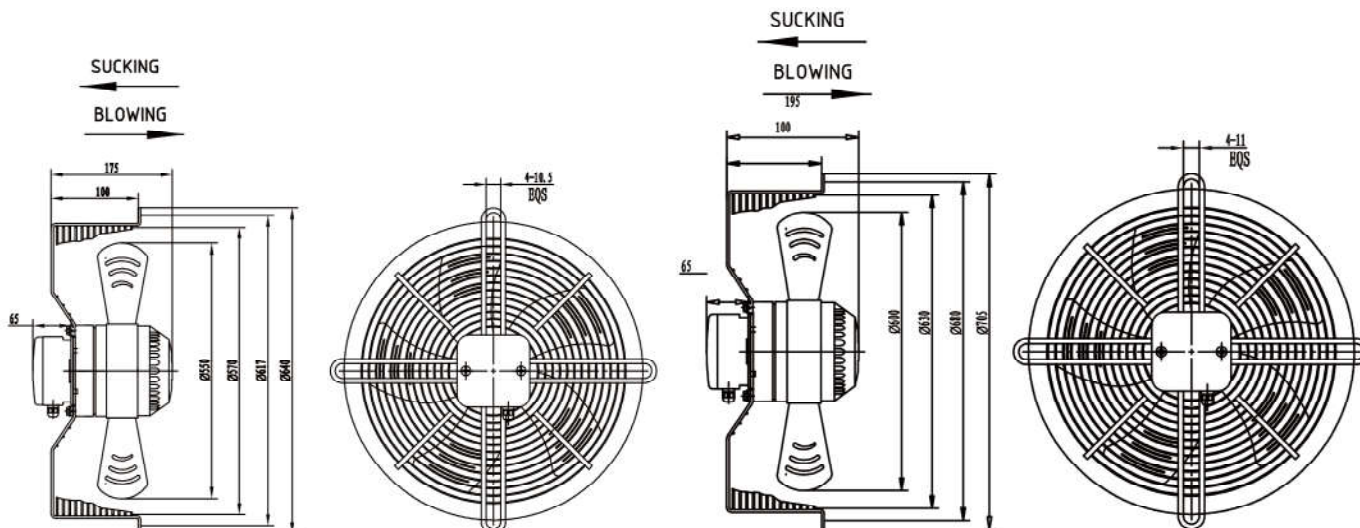
YWF SERIES

YWF550 YWF600



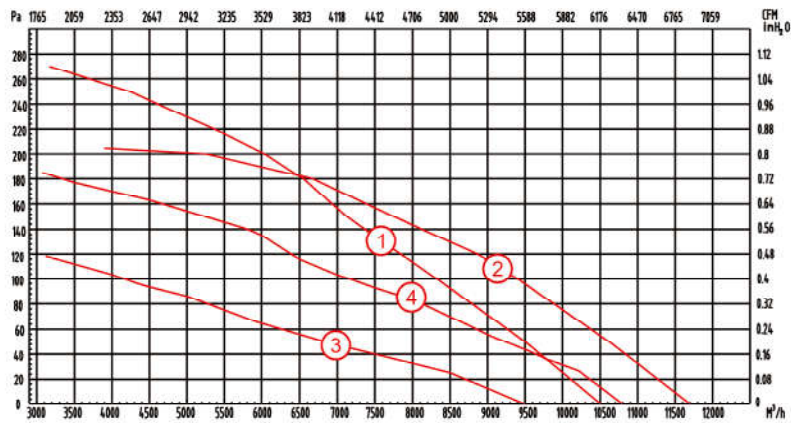
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YWF4E550	230	50/60	2.2/3.1	500/710	1340/1500	8250/8700	16	76/80	①②
YWF4D550	400 Y	50/60	1.1/1.3	480/700	1340/1500	8250/8700	/	76/80	
YWF6E550	230	50/60	1.15/1.55	230/335	940/1100	5400/6400	10	66/71	③④
YWF6D550	400 Y	50/60	1.1/0.92	290/345	940/1080	5400/6400	/	66/71	

型号 MODEL	额定电压 VOLTAGE V	频率 FREQUENCY HZ	额定电流 CURRENT A	输入功率 INPUT POWER W	转速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	电容 CAPACITOR μF	噪音 NOISE dB (A)	曲线 CURVE
YWF4E600	230	50/60	2.6/3.5	550/780	1400/1600	10500/11600	20	78/81	①②
YWF4D600	400 Y	50/60	1.4/1.5	500/750	1400/1600	10500/11600	/	78/81	
YWF6E600	230	50/60	2.4/2.6	450/600	930/1050	8800/10000	12	68/73	③④
YWF6D600	400Y	50/60	1.1/1.2	400/500	930/1050	8800/10000	/	68/73	

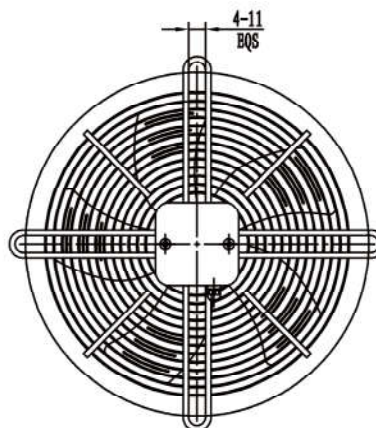
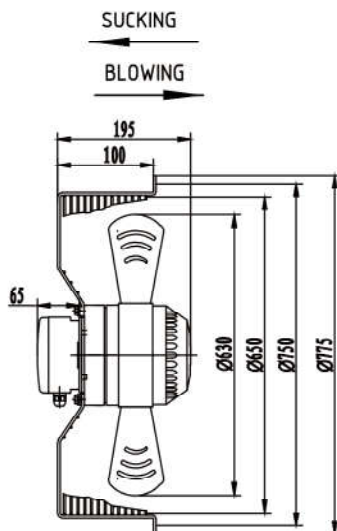




YWF630



型号 MODEL	额定电压 VOLTAGE V	频率 FREQUENCY HZ	额定电流 CURRENT A	输入功率 INPUT POWER W	转速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	电容 CAPACITOR μF	噪音 NOISE dB (A)	曲线 CURVE
YWF4E630	230	50/60	3.2/4.7	600/1000	1350/1500	10500/11700	20	81/83	①②
YWF4D630	400 Y	50/60	1.2/1.9	700/1000	1350/1540	10500/11700	/	81/83	①②
YWF6E630	230	50/60	2.5/2.9	450/620	920/1030	9500/10800	12	72/75	③④
YWF6D630	400 Y	50/60	1.3/1.2	430/600	920/1030	9500/10800	/	72/75	③④



37YEARS
TECHNOLOGY
ACCUMULATION
& BRAND
REPUTATION

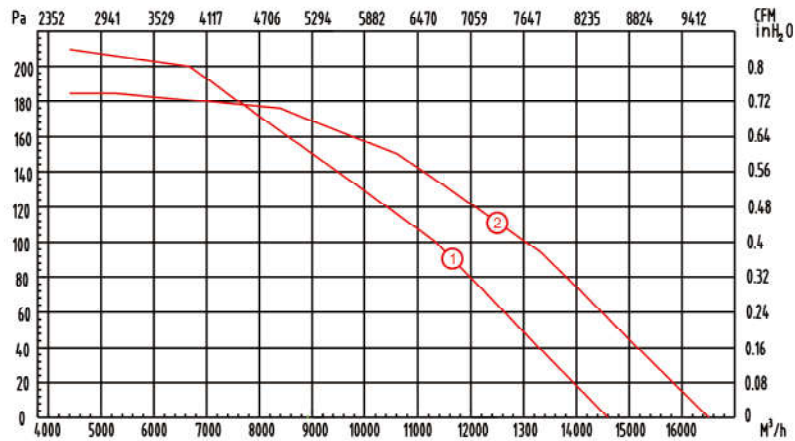


AXIAL FAN

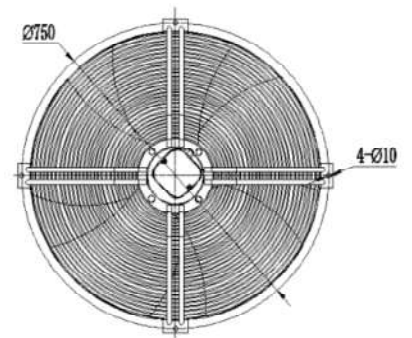
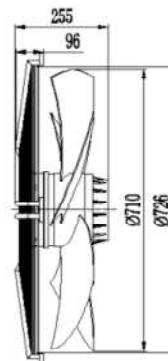
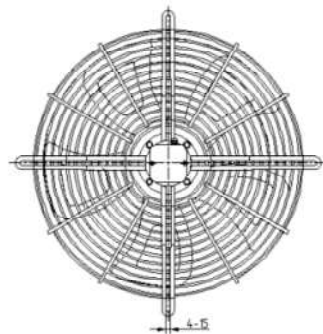
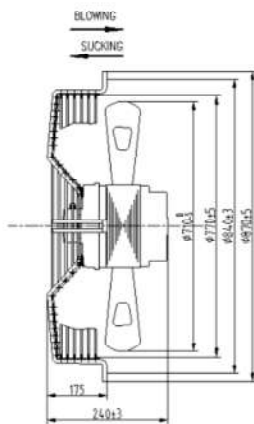
WITH EXTERNAL ROTOR MOTOR

YWF SERIES

YWF710

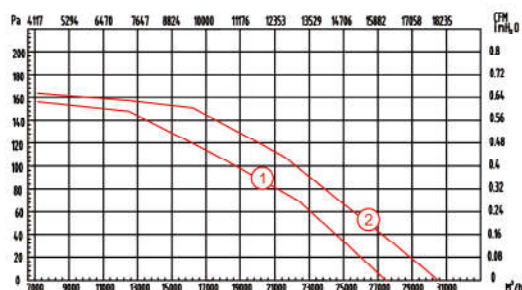
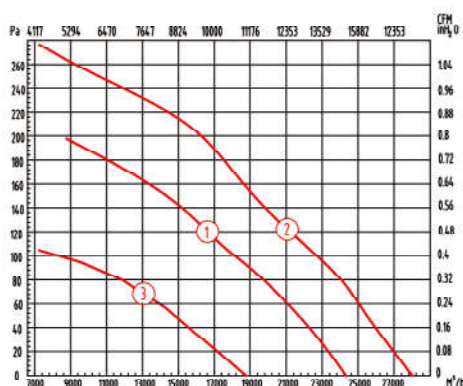


型 号 MODEL	额定电压 VOLTAGE V	频 率 FREQUENCY HZ	额定电流 CURRENT A	输入功率 INPUT POWER W	转 速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	噪音 NOISE dB (A)	曲线 CURVE
YWF6D710-7	400 Y	50/60	2.2/2.9	1050/1550	900/1000	14600/16500	73/77	①②
YWF6D710-7	460 Y	60	2.4	1550	1050	16500	78	②



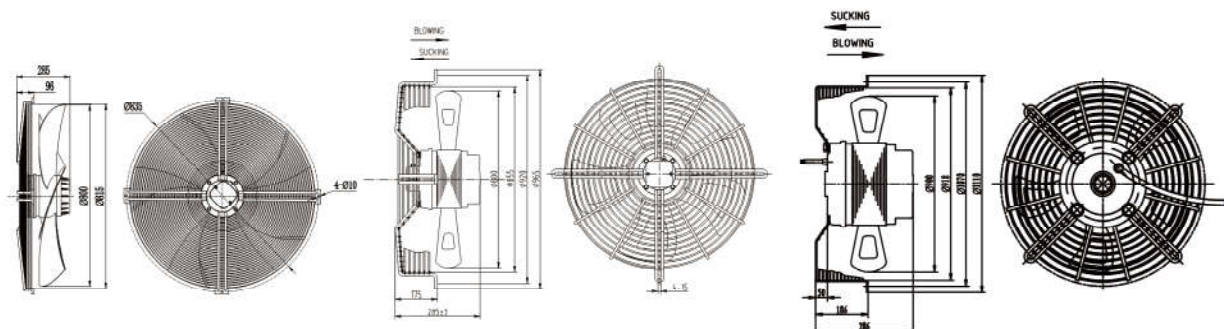


YWF900



型 号 MODEL	额定电压 VOLTAGE V	频 率 FREQUENCY HZ	额定电流 CURRENT A	输入功率 INPUT POWER W	转 速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	噪音 NOISE dB (A)	曲线 CURVE
YWF6D800	400 Y	50	3.5	1600	900	25500	75	①
YWF6D800	460 Y	60	4.0	2000	1050	28000	80	②
YWF8D800	400 Y	50	1.5	650	680	18500	65	③

型 号 MODEL	额定电压 VOLTAGE V	频 率 FREQUENCY HZ	额定电流 CURRENT A	输入 功率 INPUT POWER W	转 速 SPEED RPM	最大风量 MAX AIR FLOW m³/h	噪音 NOISE dB (A)	曲 线 CURVE
YWF6D900	400 Y	50/60	2.9/3.7	1400/2050	900/1000	27500/30500	77/82	①②



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