

MaEr Fan Motor

Professional · Honest · Human Oriented



Yilida
info@yilida.com



AC外转子轴流风机系列
AC AXIAL FAN

05



AC罩极电机系列
SHADED POLE MOTOR

94



AC外转子离心风机系列
AC CENTRIFUGAL FAN

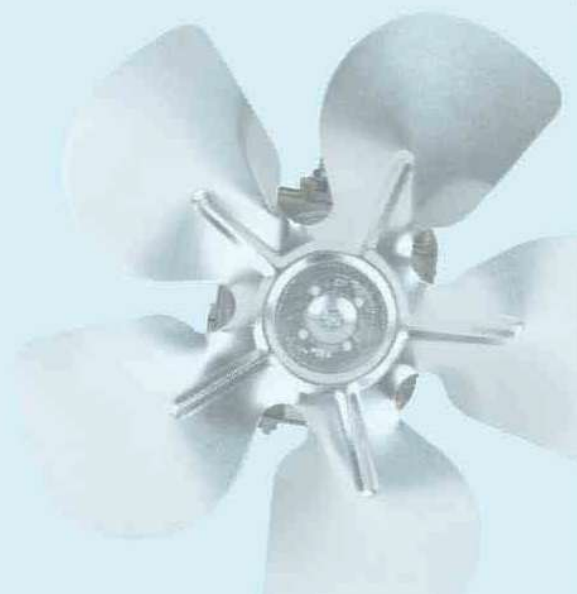
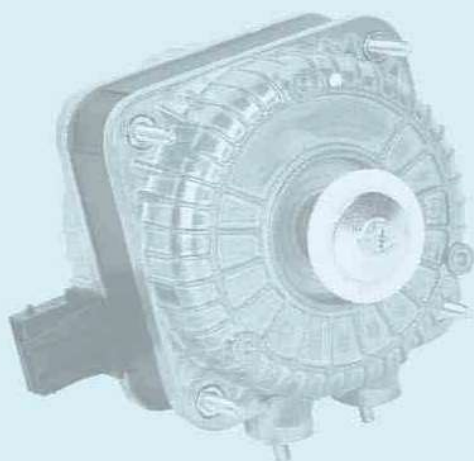
98



AC外转子带蜗壳前倾离心风机
AC FORWARD HOUSED CENTRIFUGAL FAN

122

CATALOG / 目录



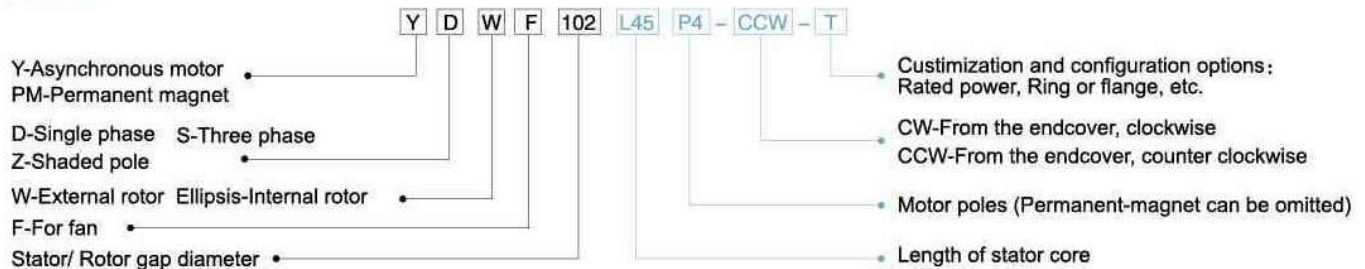
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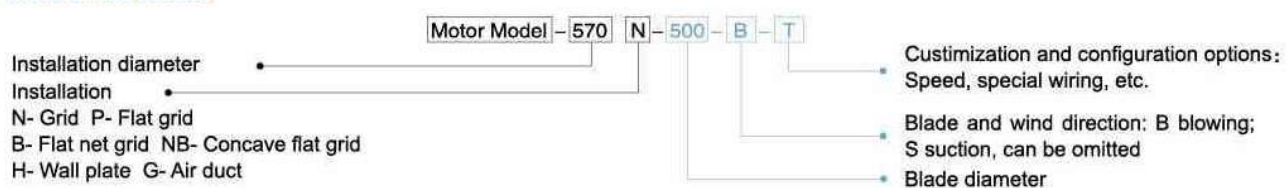


PRODUCT INTRODUCTION

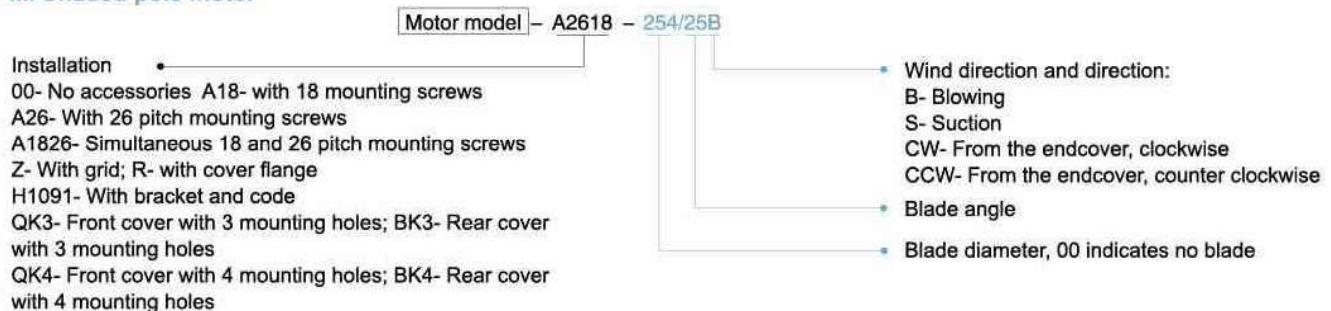
I. Motor



II. Axial fan model



III. Shaded pole motor



IV. Voltage

The allowed working voltage fluctuation range for single phase fan and 380v/50Hz three phase fan is $\pm 5\%$, while $\pm 10\%$ for 400v/50Hz three phase fan; the allowed working voltage fluctuation range for 60Hz fan is from -10% to $+20\%$.

V. Airflow direction

The regular product for axial fan is suction type: air flows from the blade through the grid.

VI. Airflow curve

According to GB/T 1236(IDT ISO 5801) and using A type wind room air suction test device. The airflow curve is measured by MaEr wall plate without guard, calculating the performance value under standard atmosphere 20°C . The value here is the impeller static pressure psf. The static pressure should not be higher than the curve end during application.

VII. Performance parameter

The listed parameter is measured at the highest static pressure efficiency, when the fan is able to run for long time under regulated environment temperature. If the energy efficiency value ≥ 40 , then the energy efficiency for the fan is ErP 2015. If N is not mentioned, it means this type of fan has no request on ErP 2015. The noise is measured at one meter place from the fan outlet (45°) when it runs freely. But error happens under irregular voltage please refer to the specification.

VIII. Single phase motor is usually equipped with a thermal protector, the operating temperature is level B- $130\pm 5^{\circ}\text{C}$, level F- $150\pm 5^{\circ}\text{C}$. If you need to install thermal protector for three phase motor, please specify.

IX. When the client needs to do tapping speed-regulation to the external rotor motor, the max. rotation speed and airflow volume shall be reduced compared with regular products to meet the low speed slip differential performance requirements.

X. The length of the lead wire for regular products is 0.8~1m, special requests on the length and junction box shall be specified.

XI. The cold air blower motor must be processed by special technology to adapt to the low temperature and humidity environment. Please specify when purchasing.

XII. The provided photos and dimensions are for reference only, please refer to the MaEr sample fan and specification for details.

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特殊产品定货说明 | CUSTOMIZED OPTIONS

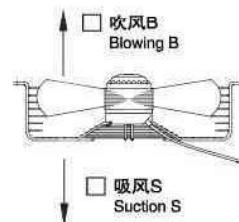
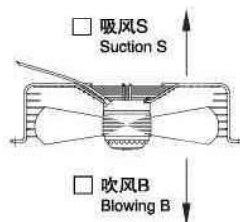
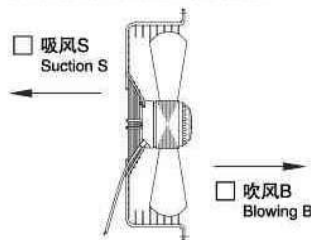
需方Customer: 联系人Contactor: 电话Tel: E-mail: 日期 Date:

一、客户提供资料 Information from customers

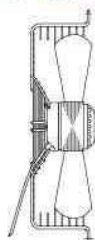
电压频率 Voltage frequency		V	Hz	±	%			V	Hz	±	%
		V	Hz	±	%			V	Hz	±	%
调速 Adjustable	1~单相 1~ single phase	☐ 并头二速 Dual speed paralleling	☐ 抽头二速 Dual speed tapping	☐ 抽头三速 Tri-speed tapping		3~三相 3~ three phase	☐ Y/Δ调速 Y/Δ transform speed	☐ Y/Δ双电压 Y/Δ dual voltage		☐ 变频 Frequency conversion	☐ 不调速 Constant speed
性能要求 Performance requirement	☐ 按参数要求 By parameter	pa	m³/h	r/min	W		能效要求: Energy requirement	☐ 无要求 No requirement		☐ ERP2015	
	按马尔 According to MaEr	样本曲线 sample curve	p. _____	曲线 Curve				☐ 按附图曲线要求 Requirements according to curve			
出线 Leading wire outlet	☐ 带接线盒 Junction box	☐ 带引出线 Leading wire _____ m		热保护器 Thermal Protector	☐ 内置 Built-in	☐ 外置 Built-out	空气温度℃ Air temperature℃	_____ ~ _____			
运行环境 Operating environment	☐ 室内 Indoor	☐ 室外 Outdoor	☐ 冷凝器 Condenser	☐ 菌菇库 Mushroom fruiting house	☐ 冷库 Refrigeration house	☐ 冷干机 Air dryer	☐ 空调室外机 Outdoor air conditioning	☐ 其它 Other			

二、安装方式及风向 Installation and Air direction

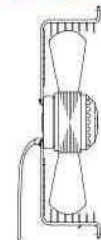
☐ 垂直安装 Vertical installation ☐ 端盖向上安装 Upwards horizontal installation ☐ 端盖向下安装 Downwards horizontal installation



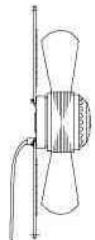
三、网罩和风筒 Grid and duct



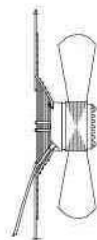
☐ 凹网罩N
Grid N



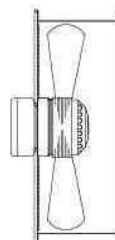
☐ 平网罩P
Flat grid P



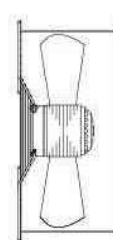
☐ 平板网罩B
Flat net grid B



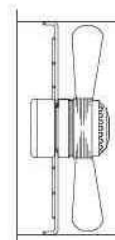
☐ 凹板网罩NB
Concave flat grid NB



☐ 带风筒侧装BG
Air duct with grid BG



☐ 带风筒侧装NG
Air duct with grid NG

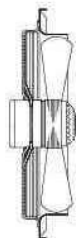


☐ 带风筒内装G
Air duct with grid

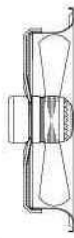
四、导风圈 Wall plate



☐ 矮导风圈正装
Wall plate installed



☐ 矮导风圈反装
Wall plate installed in reserve



☐ 高导风圈正装
High wall plate installed



☐ 高导风圈反装
High wall plate installed in reserve

☐ 提供导风圈
With MaEr wall plate

☐ 自备导风圈，
提供安装尺寸
With customer wall plate,
please provide sizes

五、其它 Others

附_____页 Pages enclosed

本文档共_____页 Totally _____ page

MaEr Fan Motor

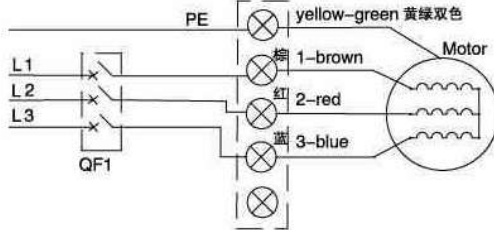
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接线图 | WIRING DIAGRAM

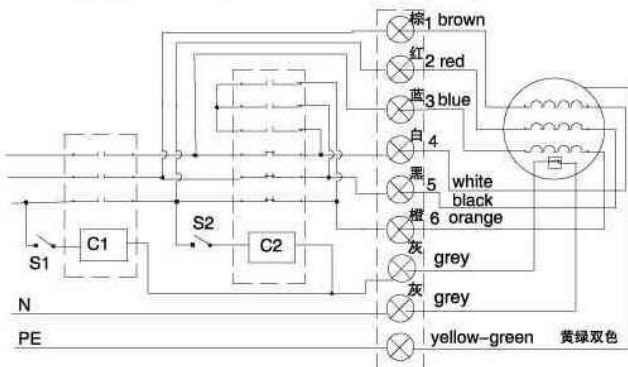
1、普通三相风机接线图

Wiring diagram for three phase motor common wiring, without TP



2、三相Y/Δ运行、带热保护器风机接线图

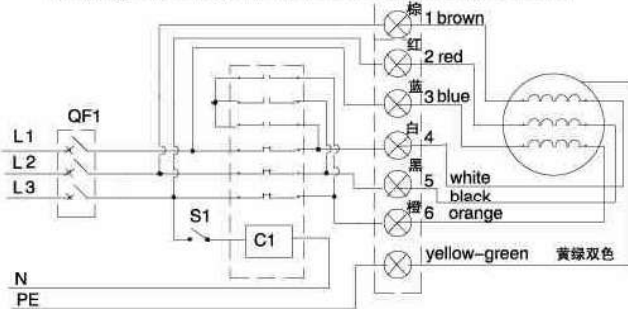
Wiring diagram for three phase motor with Y/Δ transformation, with TP



C1-运行控制接触器, S1接通, 风机运行。
C2-Y/Δ运行控制接触器, S2断开, Δ接法; S2接通, Y接法。
C1- Contactor, fan runs when S1 ON.
C2- Y/Δ transformer, Δ circuit when S2 OFF; Y circuit when S2 ON.

3、三相Y/Δ运行、不带热保护器风机接线图

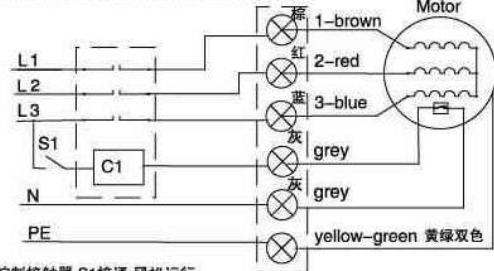
Wiring diagram for three phase motor with Y/Δ transformation, without TP.



QF1-运行控制空气开关, QF1接通, 风机运行。
C1-Y/Δ运行控制接触器, S1断开, Δ接法; S1接通, Y接法。
QF1- Air circuit-breaker, fan runs when S1 ON.
C1- Y/Δ transformer, Δ circuit when S1 OFF; Y circuit when S1 ON.

4、三相风机带热保护器风机接线图

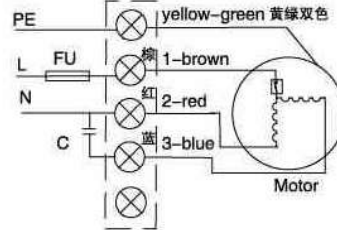
Wiring diagram for three phase motor with TP



C1-运行控制接触器, S1接通, 风机运行。
C1- Contactor, fan runs when S1 ON.

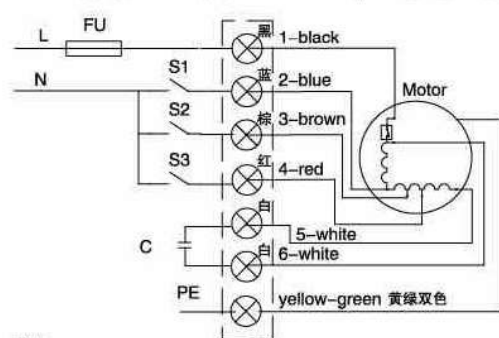
5、普通单相风机接线图

Wiring diagram for single phase motor common wiring



6、单相抽头调速风机接线图

Wiring diagram for single phase motor with speed tapping changing



警告:

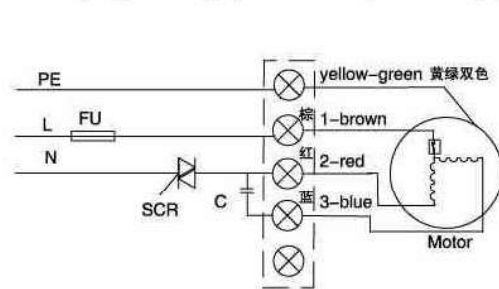
S1、S2、S3必须互锁, 每时只限于一只合上。
S1、S2、S3分别为高、中、低速档开关。电动机起动应由S1完成。

NOTICE:

S1, S2, S3 must be locked down by each other, each time only one switch can be turn ON.
S1, S2, S3 are switches for HIGH, MIDDLE and LOW speed each.
Motor running should be started from S1 ON circuit.

7、单相风机SCR调速接线图I

Wiring diagram I for single phase motor with speed SCR changing

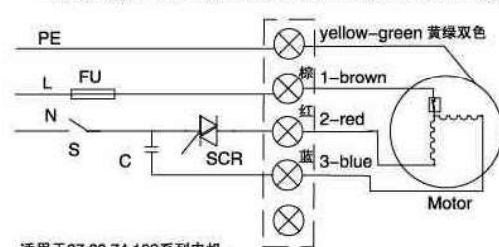


仅适用于67、68、74系列电机。

Only for motor series 67, 68, 74.

8、单相风机SCR调速接线图II

Wiring diagram II for single phase motor with speed SCR changing



适用于67,68,74,102系列电机。

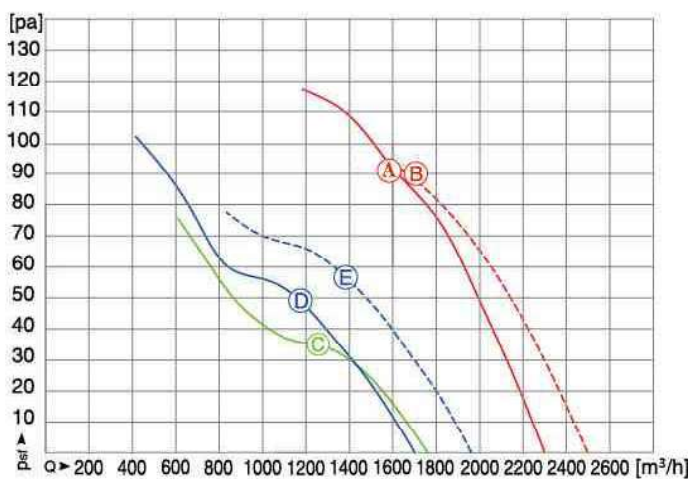
For motor series 67, 68, 74 and 102.

MaEr Fan Motor

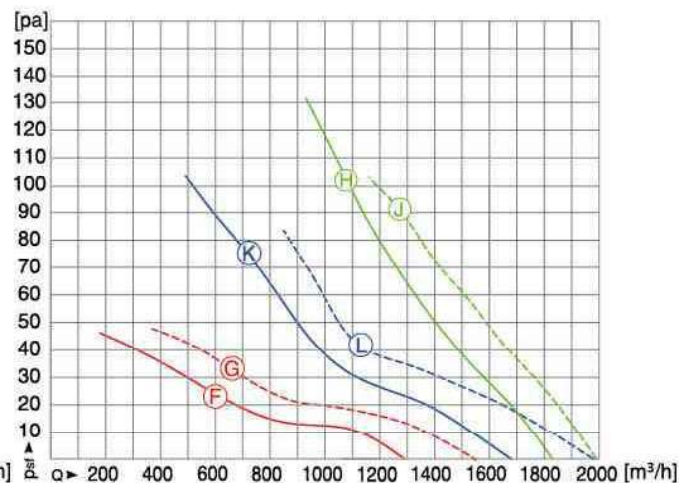
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Ø 300 AC AXIAL FAN 外转子轴流风机



动压 / Dynamic pressure: $p_d = 9.26 \times 10^{-6} \times Q^2 (p_a)$

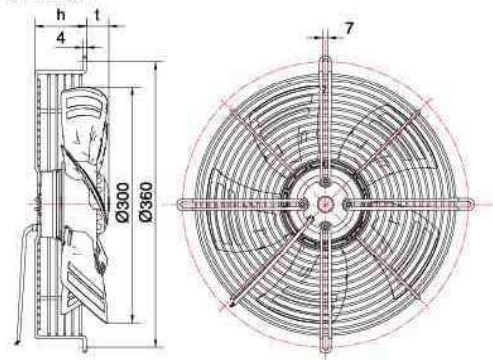


型号 Model	电压 Voltage	频率 Frequency	电容器 Capacitor	曲线 Curve	输入功率 Power	转速 RPM	电流 Current	静压 Psf	环境温度 Temp.	静压效率 ηsf	能效值 EFF.Grade	噪声 Noise	备注 Note
	V	Hz	μF/450V	NO.	W	r/min	A	Pa	℃	%	N	dB/(A)	
YDWF67L35P2-□-300	1~220	50	4	A	168	2592	0.73	92	-40 ~ +70	—	—	70	
		60		B	239	2596	1.04	91	-40 ~ +65	—	—	73	
YDWF68L35P4-□-300	1~220	50	3	C	89	1354	0.41	35	-40 ~ +75	—	—	59	
		60		D	88	1355	0.37	49	-40 ~ +75	—	—	58	
YDWF68L35P4-□-300	1~220	60	3	E	112	1546	0.48	57	-40 ~ +80	—	—	61	
		50		F	53	886	0.24	26	-40 ~ +80	—	—	55	
YDWF68L35P6-□-300	1~220	60	2	G	66	1007	0.30	33	-40 ~ +80	—	—	56	
		50		H	169	2384	0.32	104	-40 ~ +75	—	—	70	
YSWF68L35P2-□-300	3~380	60	—	J	196	2610	0.33	91	-40 ~ +80	—	—	73	
		50		K	108	1345	0.22	76	-40 ~ +85	—	—	58	
YSWF68L35P4-□-300	3~380	60	—	L	106	1596	0.23	41	-40 ~ +85	—	—	62	

注：性能曲线在安装马尔导风罩时测得。Note: The performance curve is tested with MaEr wall plate.

Ø 300 INSTALLATION ACCESSORIES 安装附件

□-360N

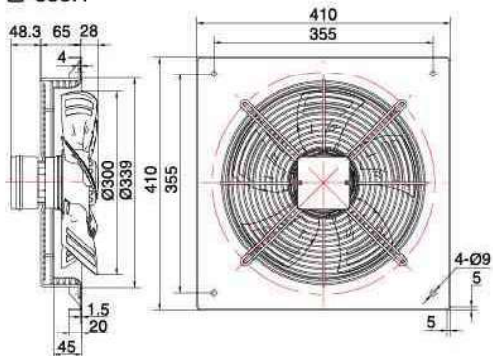


常规凹网罩 Concave grid 360N				低凹网罩 Low concave grid 360N35			
型号 MODEL	h	t		型号 MODEL	h	t	
YDWF67L35P2-360N-300	80	40		YDWF67L35P2-360N35-300	35	85	
YDWF68L35P4-360N-300	80	40		YDWF68L35P4-360N35-300	35	85	
YDWF68L35P6-360N-300	80	40		YDWF68L35P6-360N35-300	35	85	
YSWF68L35P2-360N-300	80	40		YSWF68L35P2-360N35-300	35	85	
YSWF68L35P4-360N-300	80	40		YSWF68L35P4-360N35-300	35	85	

平网罩 Flat Screen grid 360P

型号 MODEL	h	t
YDWF67L35P2-360P-300	65	30
YDWF68L35P4-360P-300	65	30
YSWF68L35P2-360P-300	65	30
YSWF68L35P4-360P-300	65	30

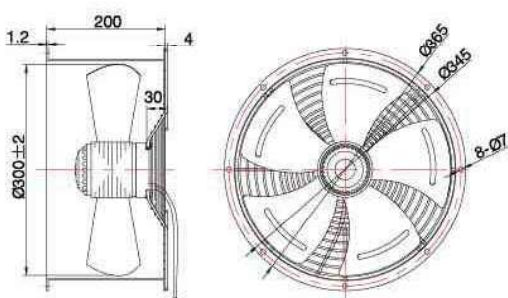
□-355H



带导风圈 Wall plate 355H

型号 MODEL
YDWF67L35P2-355H-300
YDWF68L35P4-355H-300
YDWF68L35P6-355H-300
YSWF68L35P2-355H-300
YSWF68L35P4-355H-300

□-345NG



带风筒 Air duct 345NG

型号 MODEL
YDWF67L35P2-345NG-300
YDWF68L35P4-345NG-300
YDWF68L35P6-345NG-300
YSWF68L35P2-345NG-300
YSWF68L35P4-345NG-300

□-其他安装附件 Others

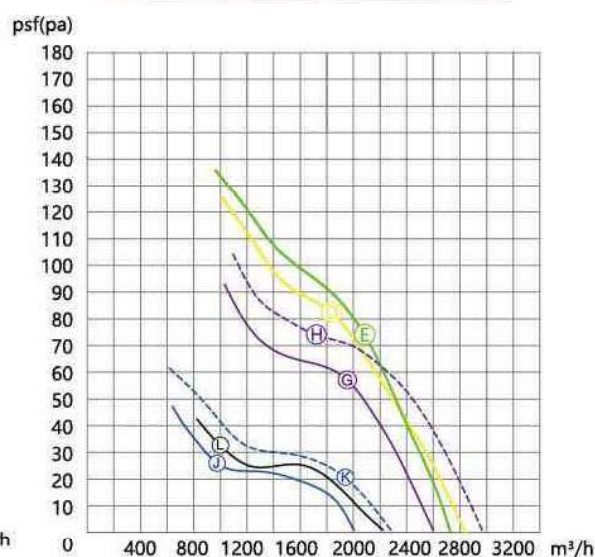
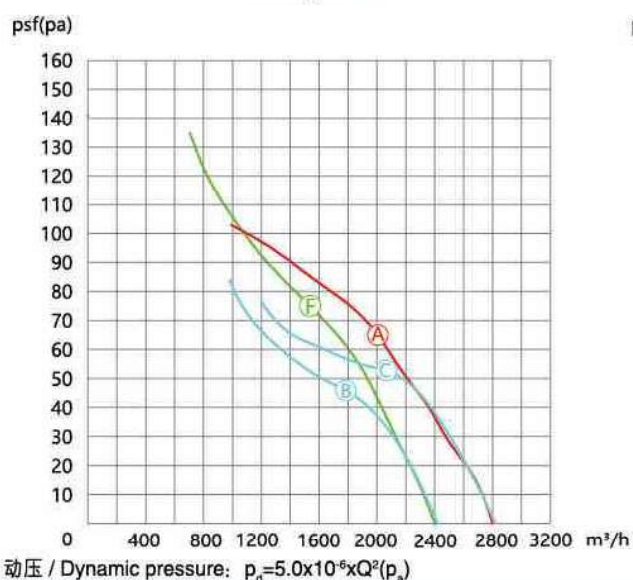
平网罩 Flat screen grid 360P			平板网罩 Flat net grid 360B			凹板网罩 Concave flat grid 360NB		
型号 MODEL	h	t	型号 MODEL	h	t	型号 MODEL	h	t
YDWF67L35P2-360P-300	65	25	YDWF67L35P2-360B-300	—	90	YDWF67L35P2-360NB-300	—	120
YDWF68L35P4-360P-300	65	25	YDWF68L35P4-360B-300	—	90	YDWF68L35P4-360NB-300	—	120
YDWF68L35P6-360P-300	65	25	YDWF68L35P6-360B-300	—	90	YDWF68L35P6-360NB-300	—	120
YSWF68L35P2-360P-300	65	25	YSWF68L35P2-360B-300	—	90	YSWF68L35P2-360NB-300	—	120
YSWF68L35P4-360P-300	65	25	YSWF68L35P4-360B-300	—	90	YSWF68L35P4-360NB-300	—	120

MaEr Fan Motor

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Ø 350 AC AXIAL FAN 外转子轴流风机

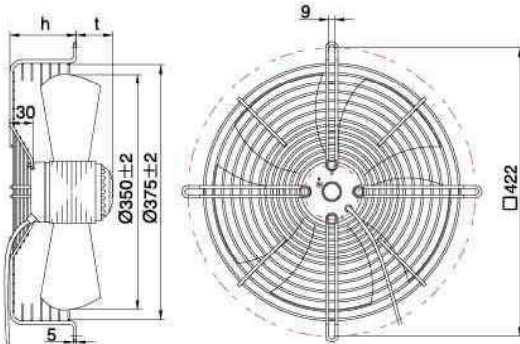


型号 Model	电压 Voltage	频率 Frequency	曲线 Curve	输入功率 Power	转速 RPM	电流 Current	静压 Psf	环境温度 Temp.	静压效率 ηsf	能效值 EFF.Grade	噪声 Noise	备注 Note
	V	Hz	NO.	W	r/min	A	Pa	℃	%	N	dB/(A)	
YDWF74L34P4-422N-350	1~220	50	(A)	147	1353	0.67	64	-40~+80	24.46	36.1	63	
YDWF74L34P4-422N-350	1~220	50	(B)	118	1387	0.56	46	-40~+80			62	
		60	(C)	161	1575	0.73	52	-40~+80			66	
YSWF74L34P4-422N-350	3~380	50	(D)	164	1374	0.38	83	-40~+80	25.54	36.9	63	
YSWF74L34P4-422N-350	3~380	50	(E)	121	1397	0.28	74	-40~+80	26.72	38.8	63	
		60	(F)	160	1556	0.30	76	-40~+80	27.11	38.4	66	
YSWF74L34P4-□-350	3~380	50	(G)	143	1365	0.34	55	-40~+80	20.66	32.2	63	
		60	(H)	193	1512	0.36	74	-40~+80	21.20	31.9	66	
YSWF74L34P6-□-350	3~380	50	(J)	90	922	0.25	25	-40~+80	—	—	57	
		60	(K)	92	918	0.26	20	-40~+80	—	—	57	
YSWF74L34P6-□-350	3~380	60	(L)	107	1041	0.24	31	-40~+80	—	—	58	

注：性能曲线在安装马尔导风圈时测得。Note: The performance curve is tested with MaEr wall plate.

Ø 350 INSTALLATION ACCESSORIES 安装附件

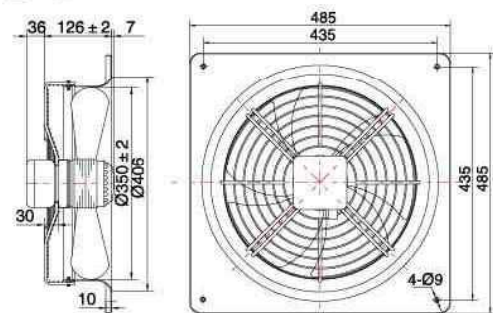
□-422N



常规凹网罩 Concave grid 422N				低凹网罩 Low concave grid 422N40			
型号 MODEL	h	t		型号 MODEL	h	t	
YD(S)WF74L34P4-422N-350	80	52		YD(S)WF74L34P4-422N40-350	40	92	
YD(S)WF74L34P6-422N-350	80	52		YD(S)WF74L34P6-422N40-350	40	92	
YD(S)WF74L47P4-422N-350	80	67		YD(S)WF74L47P4-422N40-350	40	107	

平网罩 Flat Screen grid 422P			
型号 MODEL	h	t	
YDWF74L34P4-422P-350	75	32	
YSWF74L35P4-422P-350	75	32	
YD(S)WF74L47P4-422P-350	75	45	

□-435H

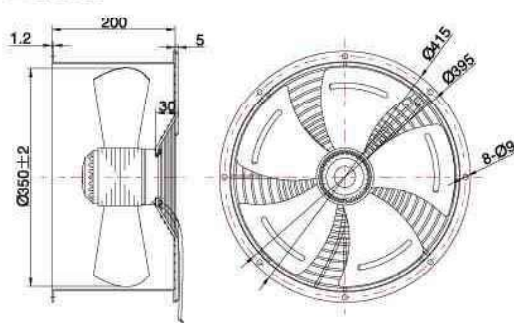


带导风圈 Wall plate 435H

型号 MODEL

YD(S)WF74L34P4-435H-350
YD(S)WF74L34P6-435H-350
YSWF74L35P4-435H-350
YDWF68L40P4-435H-350
YDWF68L35P6-435H-350
YD(S)WF74L47P4-435H-350

□-395NG



带风筒 Air duct 395NG

型号 MODEL

YD(S)WF74L34P4-395NG-350
YD(S)WF74L34P6-395NG-350
YSWF74L35P4-395NG-350
YDWF68L40P4-395NG-350
YDWF68L35P6-395NG-350
YD(S)WF74L47P4-395NG-350

□-其他安装附件 Others

平网罩 Flat screen grid 422P75				平板网罩 Flat net grid 422B				凹板网罩 Concave flat grid 422NB			
型号 MODEL	h	t		型号 MODEL	h	t		型号 MODEL	h	t	
YD(S)WF74L34P4-422P-350	75	32		YD(S)WF74L34P4-422B-350	—	102		YD(S)WF74L34P4-422NB-350	—	132	
YD(S)WF74L34P6-422P-350	75	32		YD(S)WF74L34P6-422B-350	—	102		YD(S)WF74L34P6-422NB-350	—	132	
YSWF74L35P4-422P-350	75	32		YSWF74L35P4-422B-350	—	102		YSWF74L35P4-422NB-350	—	132	
YD(S)WF74L47P4-422P-350	75	47		YD(S)WF74L47P4-422B-350	—	117		YD(S)WF74L47P4-422NB-350	—	147	

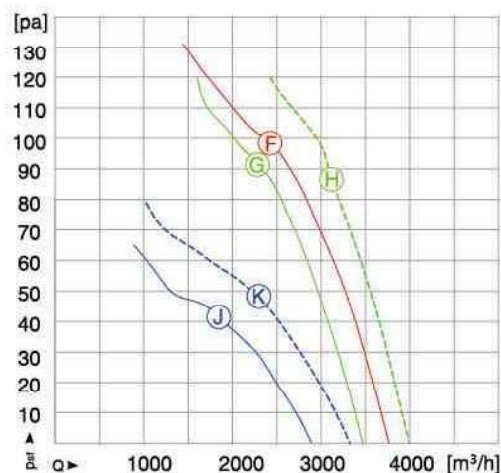
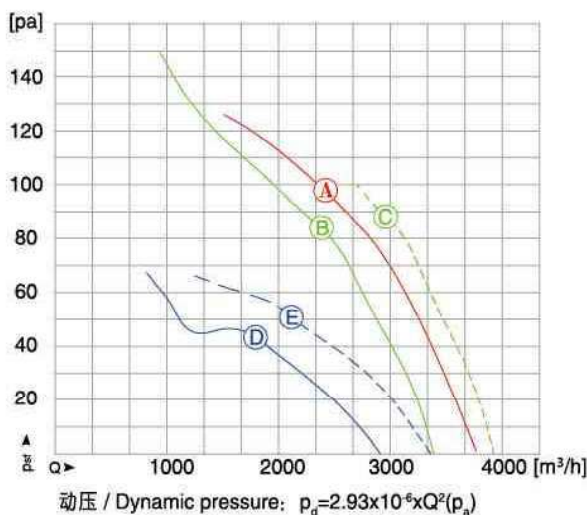
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Yilida
info@yilida.com

Ø 400 AC AXIAL FAN 外转子轴流风机



型号 Model	电压 Voltage	频率 Frequency	电容器 Capacitor	曲线 Curve	输入功率 Power	转速 RPM	电流 Current	静压 Psf	环境温度 Temp.	静压效率 ηsf	能效值 EFF.Grade	噪声 Noise	备注 Note
	V	Hz	μF/450V	NO.	W	r/min	A	Pa	℃	%	N	dB/(A)	
YDWF74L47P4-□-400	1~220	50	6	A	219	1352	1.00	99	-40~+75	30.34	40.8	68	
YDWF74L47P4-□-400	1~220	50	6	B	179	1378	0.84	84	-40~+80	30.93	41.9	67	
YDWF74L47P4-□-400	1~220	60	6	C	241	1564	1.10	88	-40~+80	30.08	40.2	69	
YDWF74L47P6-□-400	1~220	50	5	D	113	909	0.52	46	-40~+75	17.93	30.1	58	
YDWF74L47P6-□-400	1~220	60	5	E	145	1040	0.68	51	-40~+75	20.52	32.0	59	
YSWF74L47P4-□-400	3~380	50	—	F	216	1362	0.46	97	-40~+80	30.97	41.4	68	
YSWF74L47P4-□-400	3~380	50	—	G	186	1383	0.44	93	-40~+90	31.92	42.7	67	
YSWF74L47P4-□-400	3~380	60	—	H	238	1587	0.45	87	-40~+90	31.48	41.6	69	
YSWF74L47P6-□-400	3~380	50	—	J	118	922	0.36	41	-40~+80	18.08	30.1	58	
YSWF74L47P6-□-400	3~380	60	—	K	146	1055	0.33	48	-40~+80	20.99	32.5	60	

注：性能曲线在安装马尔导风圈时测得。Note: The performance curve is tested with MaEr wall plate.

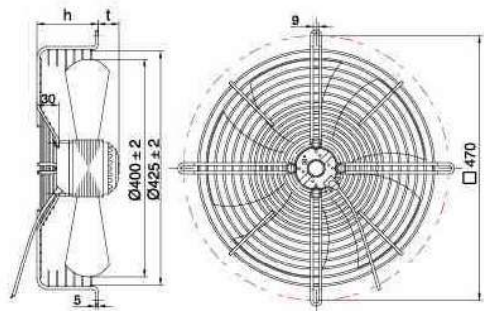
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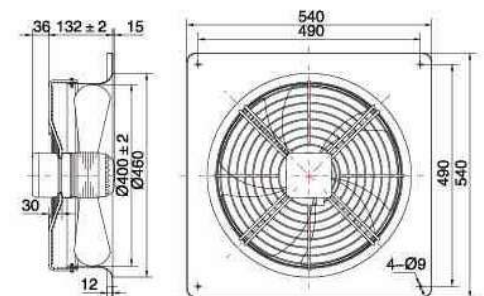
Ø 400 INSTALLATION ACCESSORIES 安装附件

□-470N



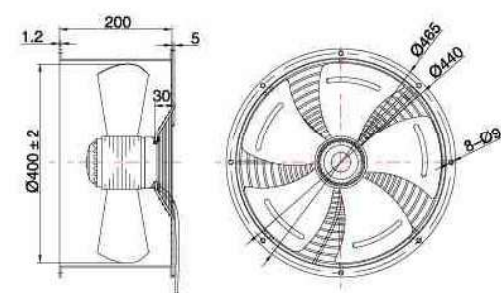
常规凹网罩 Concave grid 470N				低凹网罩 Low concave grid 470N35			
型号 MODEL	h	t		型号 MODEL	h	t	
YD(S)WF74L47P4-470N-400	90	57		YD(S)WF74L47P4-470N35-400	35	112	
YD(S)WF74L47P6-470N-400	90	57		YD(S)WF74L47P6-470N35-400	35	112	
YD(S)WF74L60P4-470N-400	90	70		YD(S)WF74L60P4-470N35-400	35	125	
YD(S)WF74L60P6-470N-400	90	70		YD(S)WF74L60P6-470N35-400	35	125	

□-490H



带导风圈 Wall plate 490H	
型号 MODEL	
YD(S)WF74L47P4-490H-400	
YD(S)WF74L47P6-490H-400	
YD(S)WF74L60P4-490H-400	
YD(S)WF74L60P6-490H-400	

□-440NG



带风筒 Air duct 440NG	
型号 MODEL	
YD(S)WF74L47P4-440NG-400	
YD(S)WF74L47P6-440NG-400	
YD(S)WF74L60P4-440NG-400	
YD(S)WF74L60P6-440NG-400	

□-其他安装附件 Others

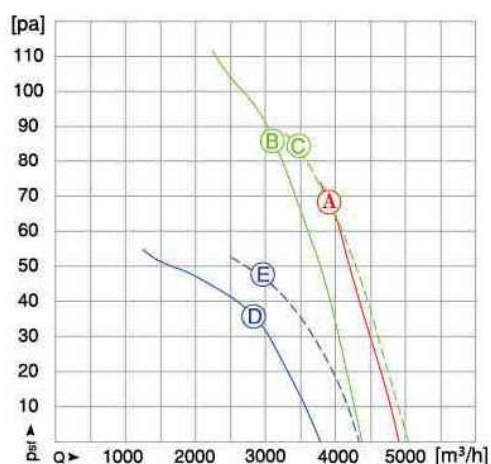
平网罩 Flat screen grid 470P				平板网罩 Flat net grid 470B				凹板网罩 Concave flat grid 470NB			
型号 MODEL	h	t		型号 MODEL	h	t		型号 MODEL	h	t	
YD(S)WF74L47P4-470P-400	90	27		YD(S)WF74L47P4-470B-400	—	117		YD(S)WF74L47P4-470NB-400	—	147	
YD(S)WF74L47P6-470P-400	90	27		YD(S)WF74L47P6-470B-400	—	117		YD(S)WF74L47P6-470NB-400	—	147	
YD(S)WF74L60P4-470P-400	90	40		YD(S)WF74L60P4-470B-400	—	130		YD(S)WF74L60P4-470NB-400	—	160	
YD(S)WF74L60P6-470P-400	90	40		YD(S)WF74L60P6-470B-400	—	130		YD(S)WF74L60P6-470NB-400	—	160	

MaEr Fan Motor

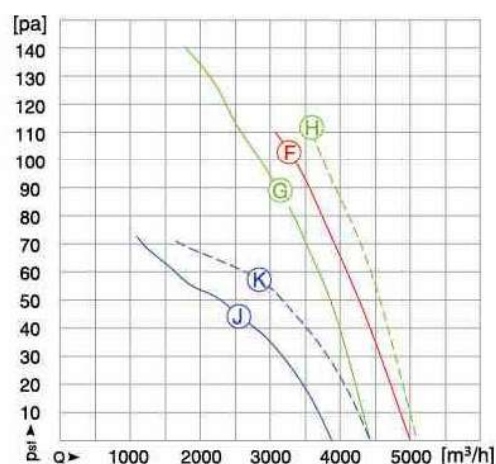
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Ø 450 AC AXIAL FAN 外转子轴流风机



动压 / Dynamic pressure: $p_d = 1.83 \times 10^{-6} \times Q^2 (p_a)$



型号 Model	电压 Voltage	频率 Frequency	电容器 Capacitor	曲线 Curve	输入功率 Power	转速 RPM	电流 Current	静压 Psf	环境温度 Temp.	静压效率 ηsf	能效值 EFF.Grade	噪声 Noise	备注 Note
YDWF74L60P4-□-450	V	Hz	μF/450V	NO.	W	r/min	A	Pa	℃	%	N	dB(A)	
	1~220	50	8	(A)	249	1339	1.13	68	-40~+80	30.47	40.5	69	
YDWF74L60P4-□-450	1~220	50	8	(B)	249	1362	1.14	86	-40~+80	30.03	40.1	68	
		60		(C)	355	1424	1.61	85	-40~+80	22.78	31.8	69	
YDWF74L60P6-□-450	1~220	50	6	(D)	149	891	0.70	36	-40~+70	19.21	30.7	60	
		60		(E)	191	981	0.87	47	-40~+75	20.19	31.0	62	
YSWF74L60P4-□-450	3~380	50	—	(F)	290	1328	0.59	103	-40~+70	32.36	42.0	69	
		50		(G)	240	1371	0.54	91	-40~+80	32.08	41.2	68	
YSWF74L60P4-□-450	3~380	60	—	(H)	344	1541	0.63	112	-40~+80	32.53	42.7	69	
YSWF74L60P6-□-450	3~380	50	—	(J)	166	912	0.51	45	-40~+75	19.05	30.2	60	
		60		(K)	210	1029	0.46	58	-40~+80	21.60	32.1	62	

注：性能曲线在安装马尔导风圈时测得。Note: The performance curve is tested with MaEr wall plate.

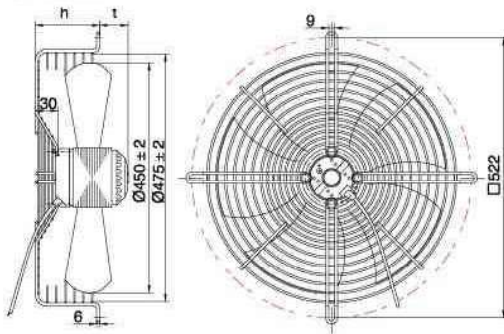
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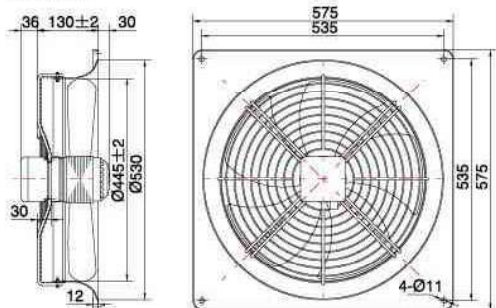
Ø 450 AC AXIAL FAN 外转子轴流风机

□-522N



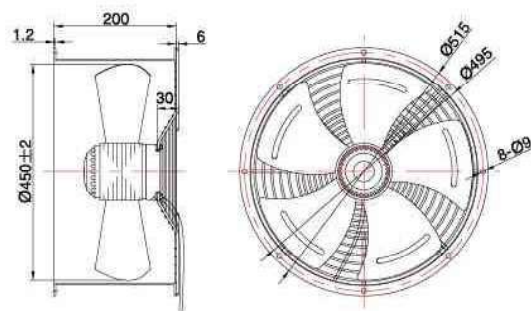
常规凹网罩 Concave grid 522N				低凹网罩 Low concave grid 522N50			
型号	MODEL	h	t	型号	MODEL	h	t
YD(S)WF74L60P4-522N-450		90	70	YD(S)WF74L60P4-522N50-450		50	110
YD(S)WF74L60P6-522N-450		90	70	YD(S)WF74L60P6-522N50-450		50	110

□-535H



带导风圈 Wall plate 535H
型号 MODEL
YD(S)WF74L60P4-535H-450
YD(S)WF74L60P6-535H-450

□-495NG



带风筒 Air duct 495NG
型号 MODEL
YD(S)WF74L60P4-495NG-450
YD(S)WF74L60P6-495NG-450

□-其他安装附件 Others

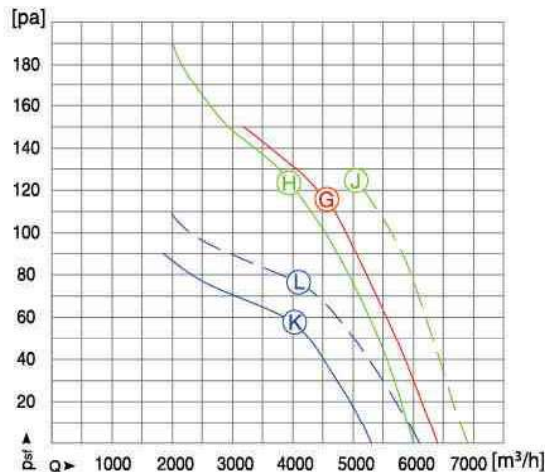
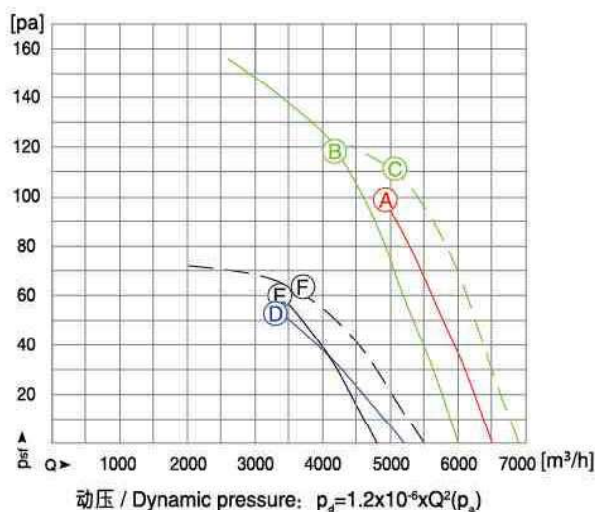
平网罩 Flat screen grid 522P				平板网罩 Flat net grid 522B				凹板网罩 Concave flat grid 522NB			
型号	MODEL	h	t	型号	MODEL	h	t	型号	MODEL	h	t
YD(S)WF74L60P4-522P-450		90	40	YD(S)WF74L60P4-522B-450		—	130	YD(S)WF74L60P4-522NB-450		—	160
YD(S)WF74L60P6-522P-450		90	40	YD(S)WF74L60P6-522B-450		—	130	YD(S)WF74L60P6-522NB-450		—	160

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Ø 500 AC AXIAL FAN 外转子轴流风机



型号 Model	电压 Voltage	频率 Frequency	电容器 Capacitor	曲线 Curve	输入功率 Power	转速 RPM	电流 Current	静压 Psf	环境温度 Temp.	静压效率 ηsf	能效值 EFF.Grade	噪声 Noise	备注 Note
	V	Hz	μF/450V	NO.	W	r/min	A	Pa	℃	%	N	dB/(A)	
YDWF102L35P4-□-500	1~220	50	10	(A)	424	1323	1.92	98	-40~+80	31.56	40.1	70	
YDWF102L35P4-□-500	1~220	50	10	(B)	380	1347	1.73	119	-40~+85	36.23	45.2	69	
YDWF102L35P4-□-500	1~220	60	10	(C)	544	1453	2.47	112	-40~+80	28.59	36.5	72	
YDWF102L35P6-□-500	1~220	50	8	(D)	217	849	0.99	54	-40~+80	23.02	33.5	66	
YDWF102L35P6-□-500	1~220	50	8	(E)	183	894	0.84	58	-40~+85	29.82	40.7	65	
YDWF102L35P6-□-500	1~220	60	8	(F)	258	936	1.20	67	-40~+85	23.48	33.4	67	
YSWF102L35P4-□-500	3~380	50	—	(G)	449	1332	0.83	117	-40~+80	32.47	40.9	70	
YSWF102L35P4-□-500	3~380	50	—	(H)	410	1353	0.87	122	-40~+85	32.95	41.6	70	
YSWF102L35P4-□-500	3~380	60	—	(J)	567	1516	1.01	125	-40~+80	31.40	39.2	73	
YSWF102L35P6-□-500	3~380	50	—	(K)	218	908	0.54	59	-40~+80	30.45	40.8	66	
YSWF102L35P6-□-500	3~380	60	—	(L)	318	1007	0.60	76	-40~+85	27.80	37.2	68	

注：性能曲线在安装马尔导风圈时测得。Note: The performance curve is tested with MaEr wall plate.

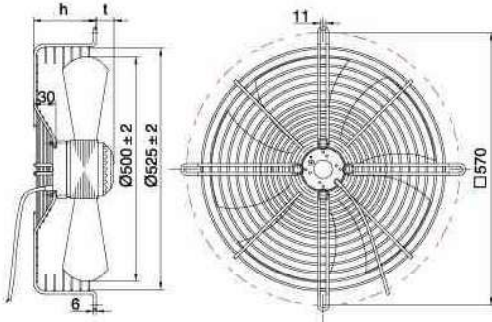
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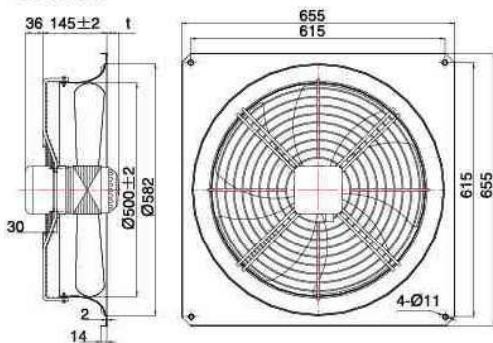
Ø 500 INSTALLATION ACCESSORIES 安装附件

□-570N



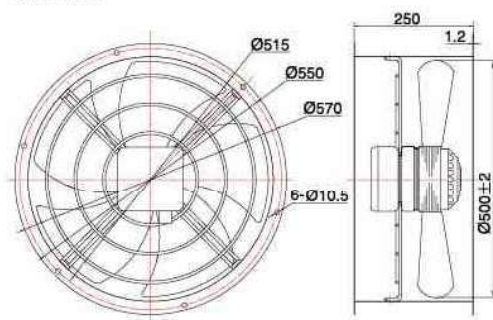
常规凹网罩 Concave grid 570N				低凹网罩 Low concave grid 570N40			
型号 MODEL	h	t		型号 MODEL	h	t	
YD(S)WF102L35P4-570N-500	90	47		YD(S)WF102L35P4-570N40-500	40	97	
YD(S)WF102L35P6-570N-500	90	47		YD(S)WF102L35P6-570N40-500	40	97	
YD(S)WF102L40P4-570N-500	90	52		YD(S)WF102L40P4-570N40-500	40	102	
YD(S)WF102L40P6-570N-500	90	52		YD(S)WF102L40P6-570N40-500	40	102	
YD(S)WF102L45P4-570N-500	90	57		YD(S)WF102L45P4-570N40-500	40	107	
YD(S)WF102L45P6-570N-500	90	57		YD(S)WF102L45P6-570N40-500	40	107	
YSWF102L45P8-570N-500	90	57		YSWF102L45P8-570N40-500	40	107	
YD(S)WF102L50P4-570N-500	90	62		YD(S)WF102L50P4-570N40-500	40	112	
YSWF102L50P6-570N-500	90	62		YSWF102L50P6-570N40-500	40	112	
YD(S)WF102L60P4-570N-500	90	72		YD(S)WF102L60P4-570N40-500	40	122	

□-615H



带导风圈 Wall plate 615H		
型号 MODEL	t	
YD(S)WF102L35P4-615H-500	—	
YD(S)WF102L35P6-615H-500	—	
YD(S)WF102L40P4-615H-500	—	
YD(S)WF102L40P6-615H-500	3	
YD(S)WF102L45P4-615H-500	3	
YD(S)WF102L45P6-615H-500	3	
YSWF102L45P8-615H-500	8	
YD(S)WF102L50P4-615H-500	8	
YSWF102L50P6-615H-500	18	
YD(S)WF102L60P4-615H-500	28	

□-545G



带风筒 Air duct 545G		
型号 MODEL		
YD(S)WF102L35P4-545G-500		
YD(S)WF102L35P6-545G-500		
YD(S)WF102L40P4-545G-500		
YD(S)WF102L40P6-545G-500		
YD(S)WF102L45P4-545G-500		
YD(S)WF102L45P6-545G-500		
YSWF102L45P8-545G-500		
YD(S)WF102L50P4-545G-500		
YSWF102L50P6-545G-500		
YD(S)WF102L60P4-545G-500		

□-其他安装附件 Others

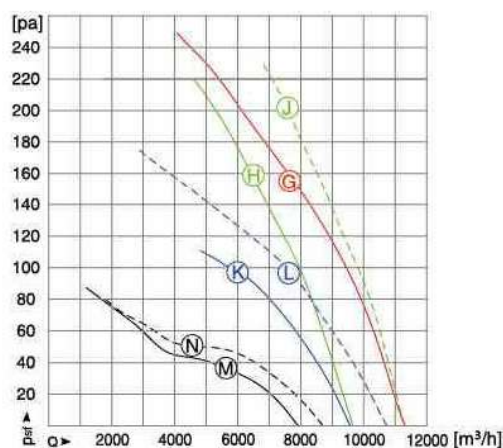
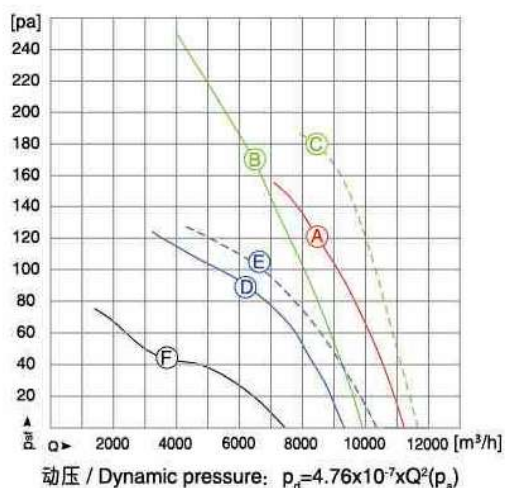
平网罩 Flat screen grid 570P				平板网罩 Flat net grid 570B				凹板网罩 Concave flat grid 570NB			
型号 MODEL	h	t		型号 MODEL	h	t		型号 MODEL	h	t	
YD(S)WF102L35P4-570P-500	90	17		YD(S)WF102L35P4-570B-500	—	107		YD(S)WF102L35P4-570NB-500	—	137	
YD(S)WF102L35P6-570P-500	90	17		YD(S)WF102L35P6-570B-500	—	107		YD(S)WF102L35P6-570NB-500	—	137	
YD(S)WF102L40P4-570P-500	90	22		YD(S)WF102L40P4-570B-500	—	112		YD(S)WF102L40P4-570NB-500	—	142	
YD(S)WF102L40P6-570P-500	90	22		YD(S)WF102L40P6-570B-500	—	112		YD(S)WF102L40P6-570NB-500	—	142	
YD(S)WF102L45P4-570P-500	90	27		YD(S)WF102L45P4-570B-500	—	117		YD(S)WF102L45P4-570NB-500	—	147	
YD(S)WF102L45P6-570P-500	90	27		YD(S)WF102L45P6-570B-500	—	117		YD(S)WF102L45P6-570NB-500	—	147	
YSWF102L45P8-570P-500	90	27		YSWF102L45P8-570B-500	—	117		YSWF102L45P8-570NB-500	—	147	
YD(S)WF102L50P4-570P-500	90	32		YD(S)WF102L50P4-570B-500	—	122		YD(S)WF102L50P4-570NB-500	—	152	
YSWF102L50P6-570P-500	90	32		YSWF102L50P6-570B-500	—	122		YSWF102L50P6-570NB-500	—	152	
YD(S)WF102L60P4-570P-500	90	42		YD(S)WF102L60P4-570B-500	—	132		YD(S)WF102L60P4-570NB-500	—	162	

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Ø 630 AC AXIAL FAN 外转子轴流风机



型号 Model	电压 Voltage	频率 Frequency	电容器 Capacitor	曲线 Curve	输入功率 Power	转速 RPM	电流 Current	静压 Psf	环境温度 Temp.	静压效率 η_{sf}	能效值 EFF Grade	噪声 Noise	备注 Note
	V	Hz	$\mu F/450V$	NO.	W	r/min	A	Pa	℃	%	N	dB(A)	
YDWF102L70P4-□-630	1~220	50	20	A	892	1349	4.04	120	-40~+70	31.68	38.2	76	
YDWF102L70P4-□-630	1~220	50	20	B	805	1398	3.86	170	-40~+80	37.61	44.5	75	
YDWF102L70P4-□-630	1~220	60	20	C	1193	1576	5.45	180	-40~+65	35.24	41.0	78	
YDWF102L70P6-□-630	1~220	50	16	D	479	919	2.22	91	-40~+80	32.45	40.7	71	
YDWF102L70P6-□-630	1~220	60	16	E	662	1038	3.01	104	-40~+80	28.09	35.4	74	
YDWF102L70P8-□-630	1~220	50	12	F	269	660	1.22	41	-40~+70	19.37	29.2	63	
YSWF102L70P4-□-630	3~380	50	—	G	937	1378	1.75	155	-40~+70	35.84	42.2	77	
YSWF102L70P4-□-630	3~380	50	—	H	735	1406	1.60	159	-40~+80	38.90	45.9	75	
YSWF102L70P4-□-630	3~380	60	—	J	1131	1600	1.97	201	-40~+65	37.53	43.4	78	
YSWF102L70P6-□-630	3~380	50	—	K	485	925	1.23	97	-40~+85	33.70	41.9	71	
YSWF102L70P6-□-630	3~380	60	—	L	652	1063	1.30	96	-40~+85	31.49	38.9	74	
YSWF102L70P8-□-630	3~380	50	—	M	317	661	0.69	36	-40~+70	17.86	27.2	64	
YSWF102L70P8-□-630	3~380	60	—	N	427	706	0.77	47	-40~+65	17.83	26.4	65	

注：性能曲线在安装马耳导风圈时测得。Note: The performance curve is tested with MaEr wall plate.

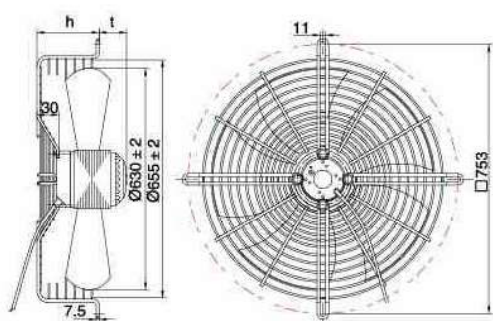
MaEr Fan Motor

Professional · Honest · Human Oriented



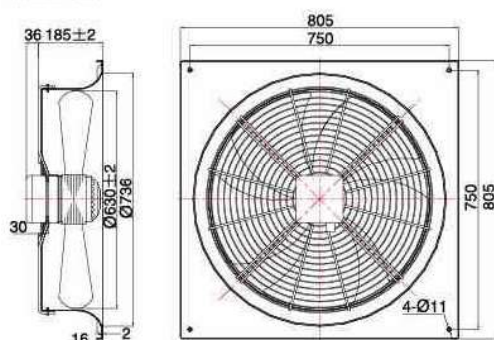
Ø 630 AC AXIAL FAN 外转子轴流风机

□-753N



常规凹网罩 Concave grid 753N				低凹网罩 Low concave grid 753N40			
型号 MODEL	h	t		型号 MODEL	h	t	
YD(S)WF102L70P4-753N-630	100	62		YD(S)WF102L70P4-753N40-630	70	92	
YD(S)WF102L70P6-753N-630	100	62		YD(S)WF102L70P6-753N40-630	70	92	
YD(S)WF102L70P8-753N-630	100	62		YD(S)WF102L70P8-753N40-630	70	92	

□-750H



带网罩 Wall plate 750H

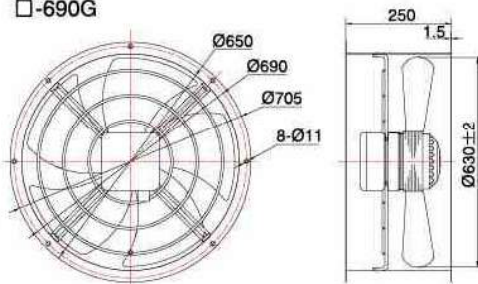
型号 MODEL

YD(S)WF102L70P4-750H-630

YD(S)WF102L70P6-750H-630

YD(S)WF102L70P8-750H-630

□-690G



带风筒 Air duct 690G

型号 MODEL

YD(S)WF102L70P4-690G-630

YD(S)WF102L70P6-690G-630

YD(S)WF102L70P8-690G-630

□-其他安装附件 Others

平网罩 Flat screen grid 753P				平板网罩 Flat net grid 753B				凹板网罩 Concave flat grid 753NB			
型号 MODEL	h	t		型号 MODEL	h	t		型号 MODEL	h	t	
YD(S)WF102L70P4-753P-630	100	32		YD(S)WF102L70P4-753B-630	—	132		YD(S)WF102L70P4-753NB-630	—	162	
YD(S)WF102L70P6-753P-630	100	32		YD(S)WF102L70P6-753B-630	—	132		YD(S)WF102L70P6-753NB-630	—	162	
YD(S)WF102L70P8-753P-630	100	32		YD(S)WF102L70P8-753B-630	—	132		YD(S)WF102L70P8-753NB-630	—	162	