



Fairway (Hangzhou) Environment Tech. Co., LTD certifies that the HF -FRP fan series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



最大风压可到7000Pa 最大风量可到100000m³/h 最高操作温度可到80°C

Wind pressures up to 7000Pa Wind Volume up to 100000m³/h Operating temperature up to 80°C

专业风机

FRP 高压系列

Specialized Fan

FRP high-pressure series



杭州斐伟环境科技有限公司

Fairway (Hangzhou) Environment Tech. Co., Ltd

FRP高压风机 | FRP high-pressure fan

斐伟以专业技术为您提供理想中的专业风机。以强劲的性能，符合国际标准的设计的规格，最前瞻的设计技术，最人性化的保养维护与贴心的售后服务，最新推出高压系列风机，以高效率，低能耗，低噪音，低震动，领先于同类产品 是您在风机方面是最佳选择！

Fairway supplies you with ideal specialized fans with its proven expertise. Based on sound performance, international standardized design and specification, perspective design concept, humanized maintenance and considerate after service, we are launching the cutting-edge FRP high-pressure series fan featured with high efficiency, low energy consumption, low noise and low vibration, which is your best choice.

风机用途与特点 | Applications and features

可广泛用于：

玻纤制程，稀土提炼，化工医药，污水除臭，造纸厌氧，酸回收利用等含有高压腐蚀性气体的环境。

It can be widely used for:

Environments containing high-pressure corrosive gas such as for fiber glass processing, rare-earth refinement, chemical and medicine production, sewage deodorization, anaerobic paper manufacturing, acid recycling etc.

产品特点：

- › 最大压力可达7000Pa，使用范围广泛，适用多种工况；高效节能（省电），为您创造利润，节省成本。
- › 本系列玻璃钢高压风机机壳、入口钟、叶轮均为纯玻璃钢，彻底改变了传统碳钢衬玻璃钢的制作工艺。
- › 机壳与铁架连接螺栓采用整体成形包覆处理方式，彻底解决了因腐蚀而造成螺栓损坏的现象。
- › 风机采用双层底座，不用拆地脚螺栓，可方便维护风机。

Product features:

- › Max. pressure up to 7000Pa, with wide application for multiple kinds of operation status; Efficient energy performance to generate profits and cost saving.
- › The enclosure, inlet bell and impeller of this series high-pressure fan are made of pure fiber glass reinforced plastic, which has completely changed the fabricating process for fiber glass reinforced plastic lined with traditional carbon-steel.
- › The bolts linking the enclosure and iron support is treated by complete profiling wrapping method which has completely solved the issue of bolt damage due to corrosion.
- › The fan is featured with dual-level seat for easy maintenance without necessity to remove the anchor bolts.

风机机型选用说明 | Explanation for fan model selection

范例：

若以需求风量25000CMH，静压4000Pa为例，则根据下列性能曲线总表所表示，选出适用的HF-421B机型

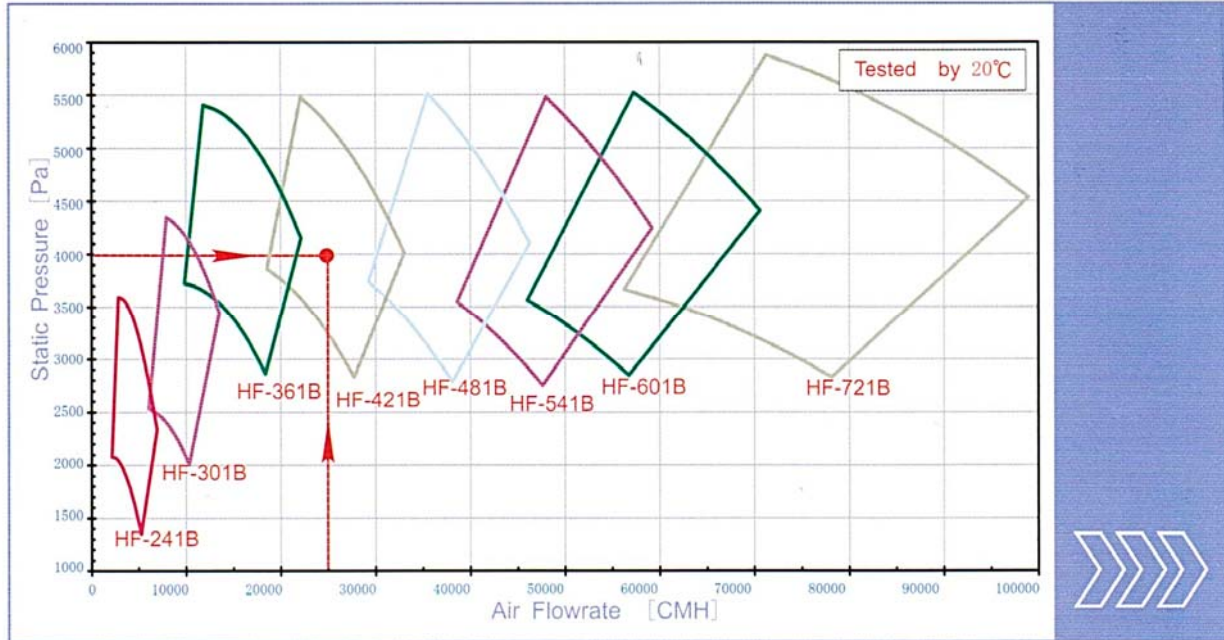
Example:

If you require 25000CMH capacity and 4000Pa static pressure, then you can choose out the HF-421B model which is proper for your application according to the summary table of performance curve below.

注(Note): 1CMM=60CMH 1MMAq=10Pa

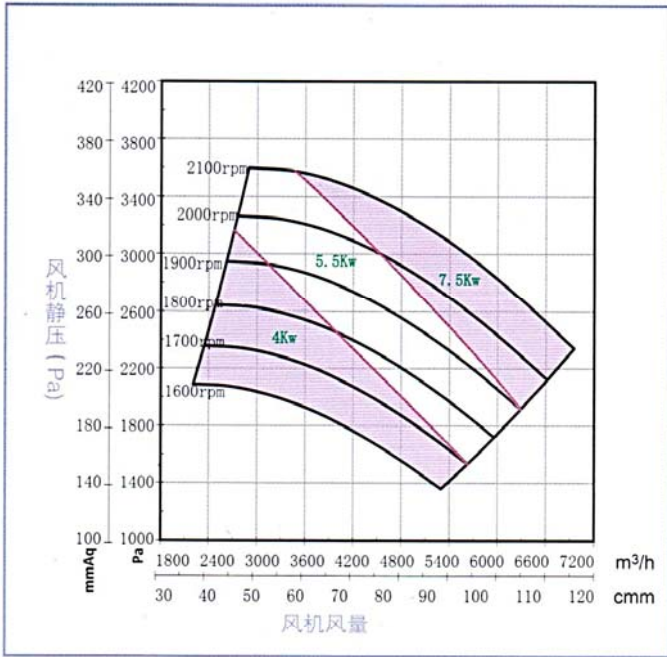
性能曲线总表

Summary table of performance curve

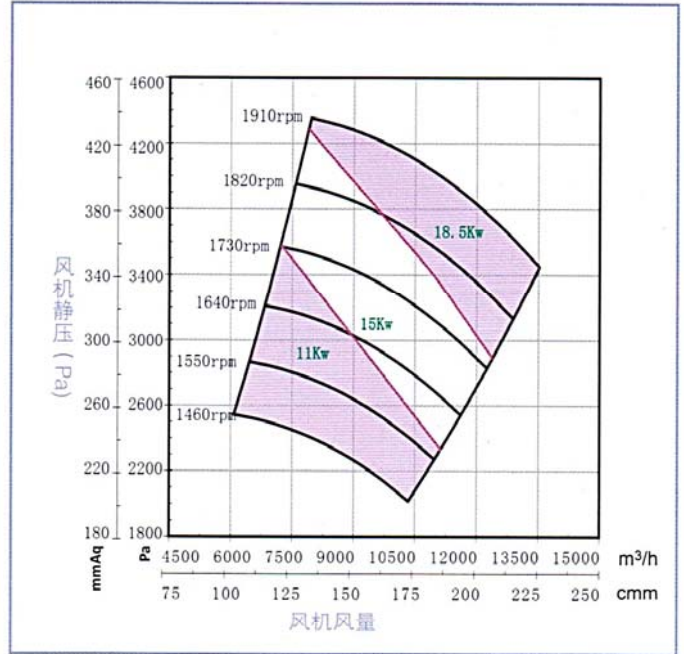


- Performance certified is for installation type D - Ducted inlet, Ducted outlet.
- Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

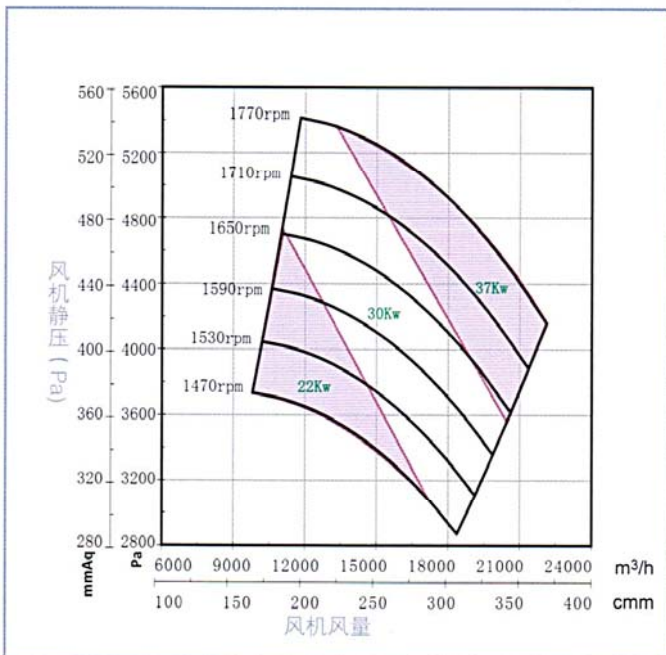
HF-241B



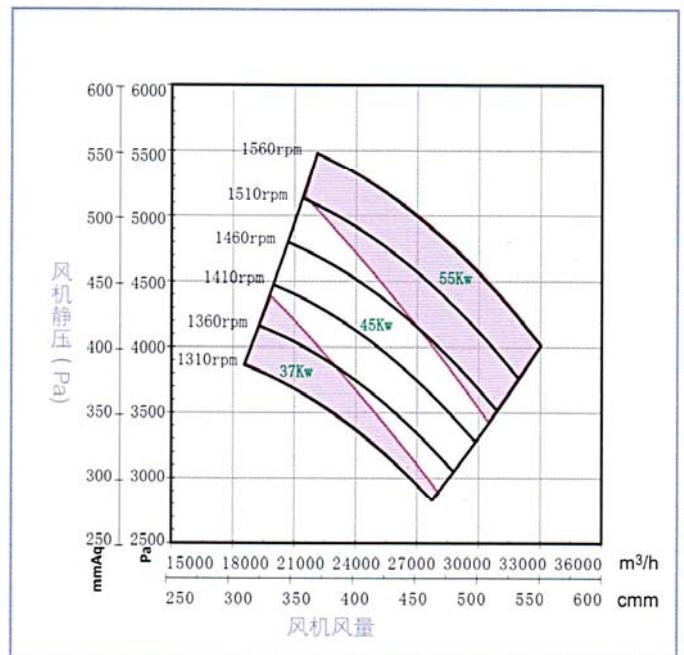
HF-301B



HF-361B

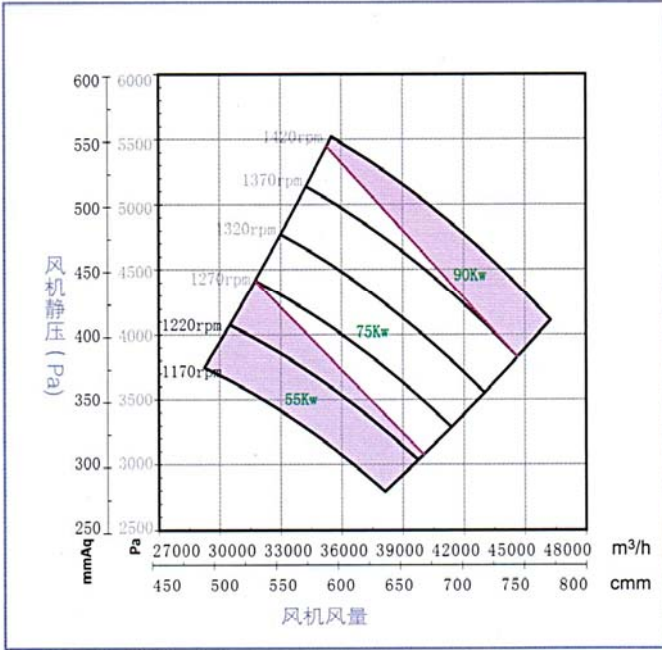


HF-421B

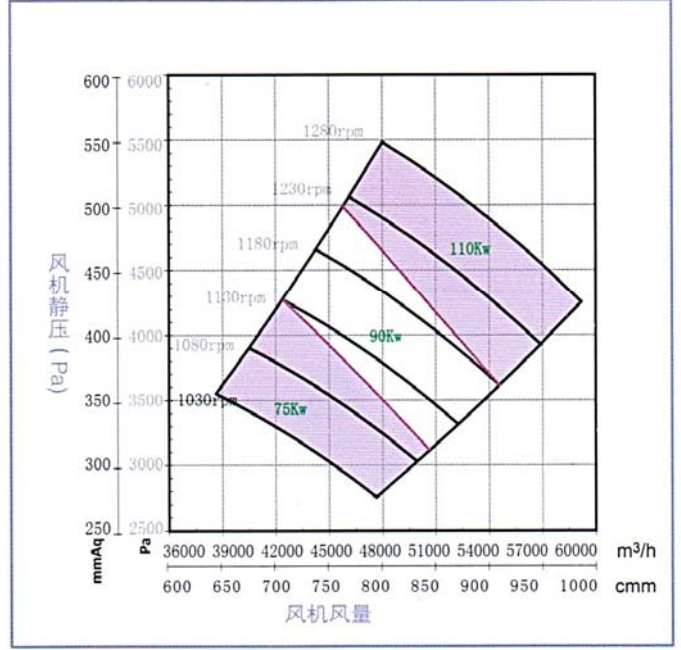


- Performance certified is for installation type D - Ducted inlet, Ducted outlet.
- Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

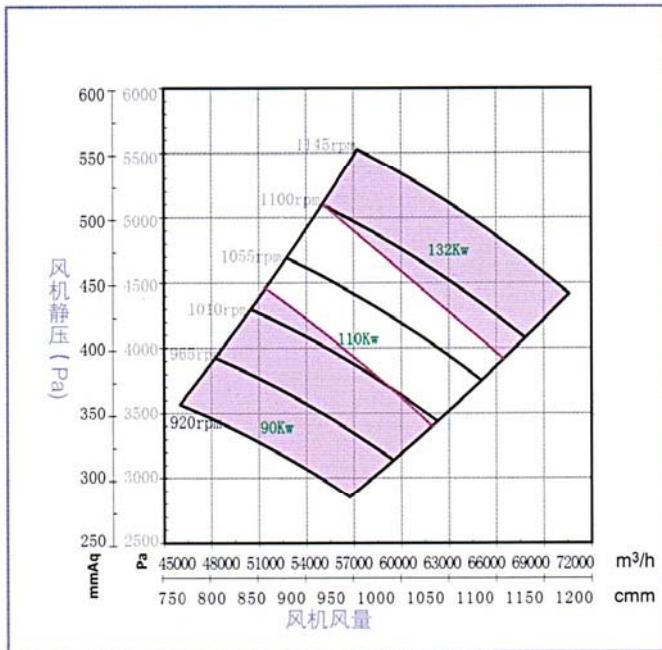
HF-481B



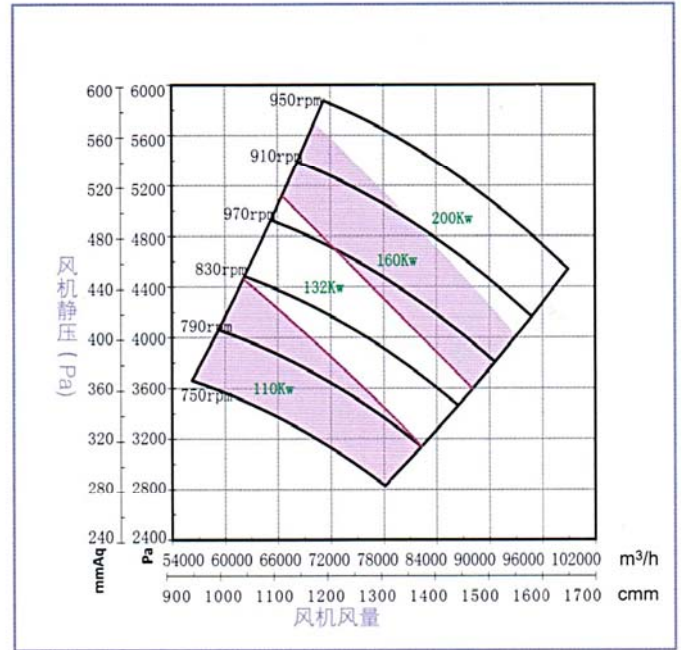
HF-541B



HF-601B

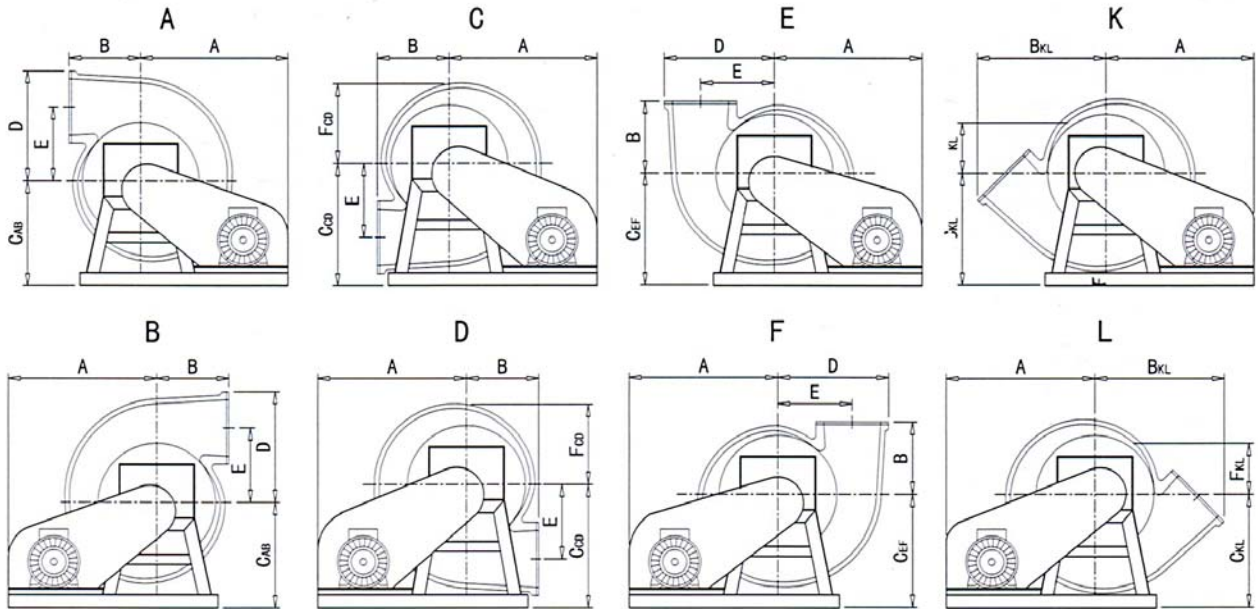


HF-721B

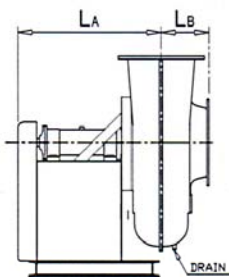


- Performance certified is for installation type D - Ducted inlet, Ducted outlet.
- Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

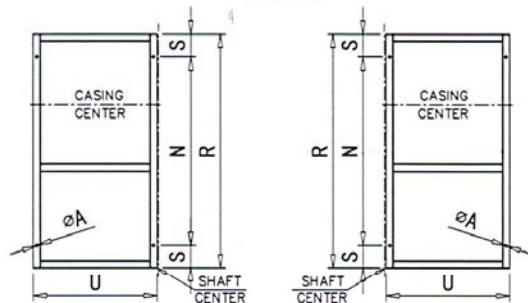
风机尺寸图 | Fan Dimension Chart



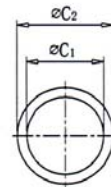
BODY



BASE

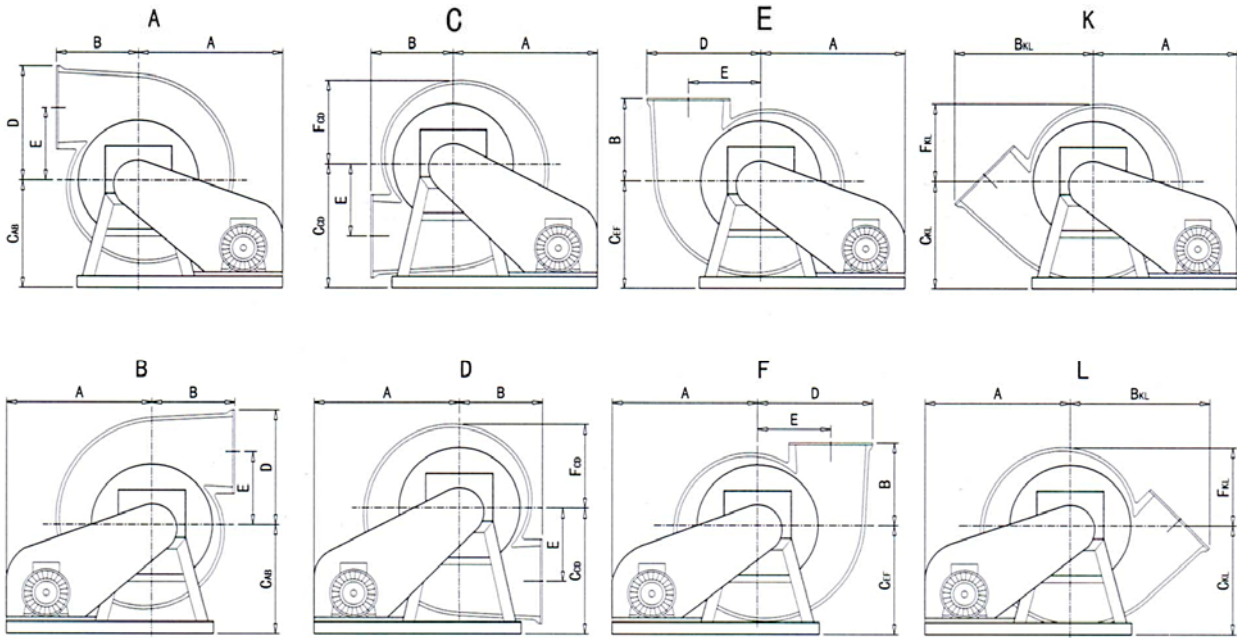


OUTLET & INLET

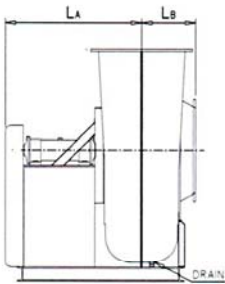


MODEL	BODY												
	A	B	BKL	CAB	CFF	CCD	CKL	D	E	FCD	FKL	LA	LB
HF-241B	920	450	800	650	760	700	700	685	460	500	465	250	750
HF-301B	1120	600	1060	800	980	900	900	896	586	630	585	345	895
HF-361B	1280	680	1250	1000	1200	1100	1100	1090	730	765	700	400	1070
HF-421B	1475	840	1420	1100	1270	1100	1100	1165	740	850	800	450	1140

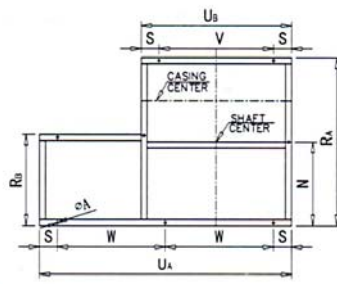
MODEL	BASE							INLET	
	RA	RB	UA	UB	S	W	ØA	ØC1	ØC2
HF-241B	300	380	920	190	125	1050	14	350	450
HF-301B	600	480	1120	260	125	1350	14	500	620
HF-361B	1850	570	1334	320	150	1550	16	600	720
HF-421B	2100	628	1460	380	150	1800	16	700	850



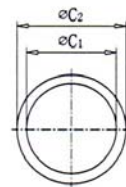
BODY



BASE



OUTLET & INLET



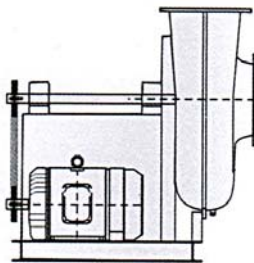
MODEL	BODY											LA	LB
	A	B	BKL	CAB	CCD	CFF	CKL	D	E	FCD	FKL		
HF-481B	1730	960	1620	1255	1455	1255	1255	1325	850	990	910	515	1300
HF-541B	2000	1050	1820	1300	1650	1400	1400	1525	1000	1135	990	550	1450
HF-601B	2250	1150	1930	1400	1800	1600	1600	1675	1100	1250	1140	600	1600
HF-721B	2500	1400	2390	1650	2120	1850	2000	1980	1300	1480	1360	680	1850

MODEL	BASE							INLET		
	RA	RB	UA	UB	S	W	V	ØA	ØC1	ØC2
HF-481B	1650	960	2550	1640	150	1125	1340	20	800	950
HF-541B	1880	1200	2800	1850	150	1250	1550	20	900	1050
HF-601B	2040	1400	3150	2000	150	950	1700	24	1000	1150
HF-721B	2360	1600	3600	2240	150	1100	1940	24	1200	1360

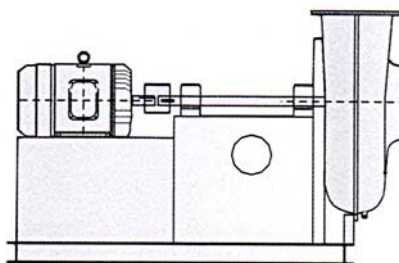
技术资料 | Technical Data

风机传动方式的选择 Selection of transmission method ..

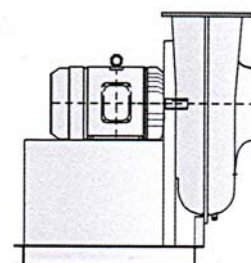
(C)
皮带式 Belt-driven model



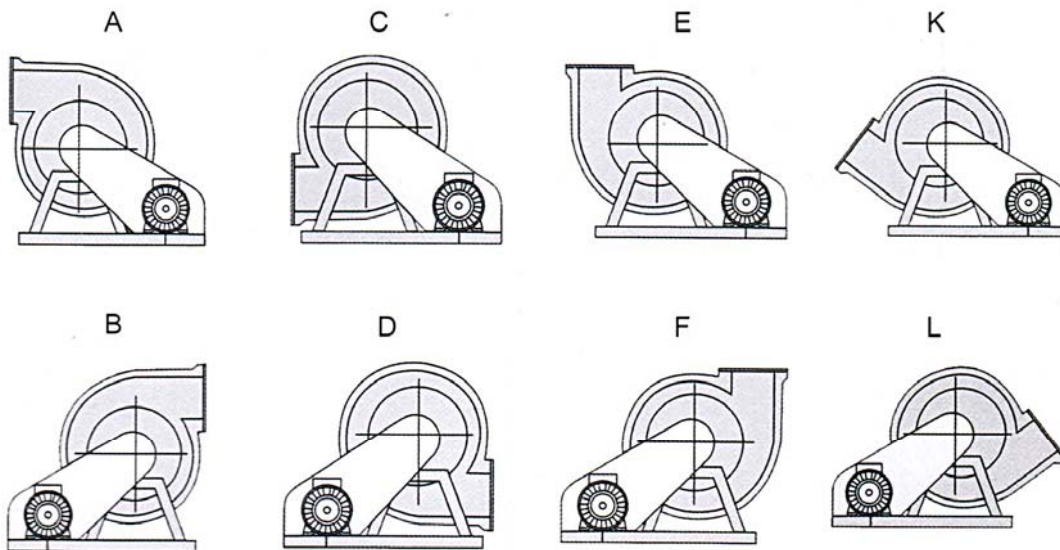
(D)
轴动式 Shaft-driven model



(A)
直结式 Direct-engagement model



标准回转方向与出风口方向 Standard rotation direction and wind-hole direction



以马达侧方向为准
Subject to motor-side direction

另可根据客户要求特殊设计
Special design is possible for customer requirements