

可瑞斯 FRP 系列风机

CORISE ZYF FRP SERIES CENTRIFUGAL FANS

浙江可瑞斯环保科技有限公司

ZHEJIANG CORISE ENVIRONMENTAL TECHNOLOGY CO., LTD.

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可瑞斯致力于不断提升产品技术性能,本《产品手册》相关技术参数只表示当前产品,此后的新产品技术升级及改动,请另咨询本公司。

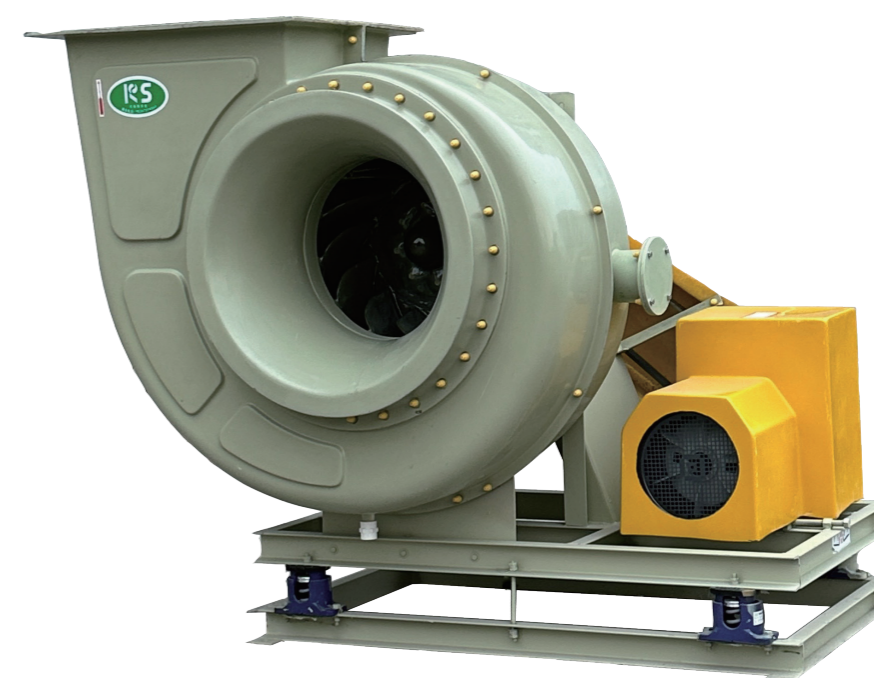
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Corise is committed to continuously improving product technical performance. The technical parameters in this Product Manual represent current product specifications. For information regarding subsequent upgrades or modifications, please consult us separately.



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用定制化的方式
为客户提供低成本的产品和解决方案

PROVIDING CUSTOMERS WITH
COST-EFFECTIVE PRODUCTS AND
SOLUTIONS THROUGH CUSTOMIZATION.

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关于可瑞斯

About CORISE



15,000+ 台

年交付风机
15,000+ FANS DELIVERED ANNUALLY



10%

研发技术人员
10% R&D PERSONNEL



42%

资深员工 (5年以上工龄)
10% R&D PERSONNEL



50,000+ m²

生产面积
50,000+ M² MANUFACTURING AREA



40+

服务行业
SERVING INDUSTRIES 40+

10,000+

客户
CUSTOMERS 10,000+

浙江可瑞斯环保科技有限公司(简称“可瑞斯风机”)成立于 2012 年,是中国领先的离心风机全生命周期解决方案提供商。历经十余年快速发展,可瑞斯现已形成多元化风机产品系列,涵盖玻璃钢(FRP)、碳钢、不锈钢、聚丙烯(PP)、高温及特种型号风机。我们已为 40 多个行业的 10,000 余家客户提供优质服务,行业覆盖半导体、制药、化工、新能源、固废处理、石油化工及污水除臭等领域。可瑞斯秉持“以客户为中心”的核心理念,以服务驱动创新,以服务助力成长,为客户创造核心价值。

Zhejiang Corise Environmental Technology Co., Ltd. (referred to as “Corise Fan”) was founded in 2012 and is a leading provider of full-lifecycle centrifugal fan solutions in China. After more than a decade of rapid development, Corise has established a comprehensive fan product portfolio, covering FRP (fiberglass reinforced plastic), carbon steel, stainless steel, polypropylene (PP), high-temperature, and customized special models. We have served over 10,000 clients across more than 40 industries, including semiconductors, pharmaceuticals, chemicals, new energy, solid waste treatment, petrochemicals, and wastewater deodorization. Corise adheres to a customer-centric philosophy—driving innovation through service, enabling growth through service, and creating core value for our customers.

可瑞斯风机发展历程

Development History of CORISE Fan

从初创到领航，铸就长久成功，既要跨越重重挑战，亦需秉持长远视野。
From start-up to industry leader, lasting success requires overcoming challenges and maintaining long-term vision.

2012

奠基之初

浙江东阳可瑞斯环保科技有限公司正式成立。
Foundation
Corise Environmental Technology Co., Ltd. was officially established in Dongyang, Zhejiang.

2014

产品矩阵成型

确立三大核心风机产品线:玻璃钢(FRP)风机、碳钢风机、不锈钢风机。
搭建模块化风机设计体系,实现定制化解决方案交付。

Product Portfolio Established

Three core fan product lines were defined: FRP fans, carbon steel fans, and stainless steel fans.
A modular fan design system was built to deliver customized solutions.

2016

资质突破

通过 ISO 9001 质量管理体系认证,荣获中国节能产品认证
取得粉尘防爆认证,成功敲开国际市场大门。

Qualification Breakthroughs

Certified to ISO 9001 Quality Management System. Awarded China Energy-Saving Product Certification. Obtained dust explosion-proof certification, marking entry into the international market.

2018

战略升级

设立杭州分公司,深化区域市场布局。
部署 ERP 智能管理系统,实现全流程数字化管控。

Strategic Upgrade

Established the Hangzhou branch to strengthen regional market penetration.
Implemented ERP digital management, achieving full-process digital control.

2020

研发团队

研发中心成立组建 30 人核心研发团队,聚焦技术创新。
与高校流体机械及工程相关院系建立深度合作关系。

R&D Center Established

Formed a 30-member core R&D team dedicated to technological innovation.
Established strategic cooperation with university departments related to fluid machinery and engineering.

2022

获得荣誉

国家级专精特新标杆被认定为国家级专精特新“小巨人”企业。

National Recognition

Recognized as a National Specialized and Innovative “Little Giant” Enterprise.

2024

智能制造升级

50,000 平方米智能制造基地竣工投产
全面落地智能生产线、机器人焊接、数控旋压等先进制造技术。

Intelligent Manufacturing Upgrade
A 50,000 m² intelligent manufacturing base was completed and put into operation.

Advanced technologies such as smart production lines, robotic welding, and CNC spinning were fully implemented.

成长之路,步履不停
The road of growth never stops.

资质证明

Certifications



Zhejiang Corise Environmental Technology Co. Ltd. certifies that the ZYF FRP Series Centrifugal Fan (ZYF-5 to ZYF-22) shown herein is 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.



ISO45001证书 ISO45001 CERTIFICATE
 ISO9001证书 ISO9001 CERTIFICATE
 ISO14001证书 ISO14001 CERTIFICATE
 防爆证 EX-PROOF CERTIFICATE
 3C认证 CHINA COMPULSORY CERTIFICATION
 机械指令符合性充分性 CE 认证证书 CE CERTIFICATE
 CECC 节能证书 CECC CERTIFICATION

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。
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。
 - 本系列玻璃钢风机机壳、集流器、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。
 - 机壳与机组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:**
- Maximum pressure up to 7,000Pa, with wide application in various operating conditions, realizing high efficiency, energy saving and cost reduction.
 - The enclosure, inlet bell and impeller of this series of FRP fans are made of pure FRP, which has completely changed the traditional manufacturing process of carbon steel lined with FRP
 - 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.

玻璃钢风机选型说明

Selection Guide for FRP Fans

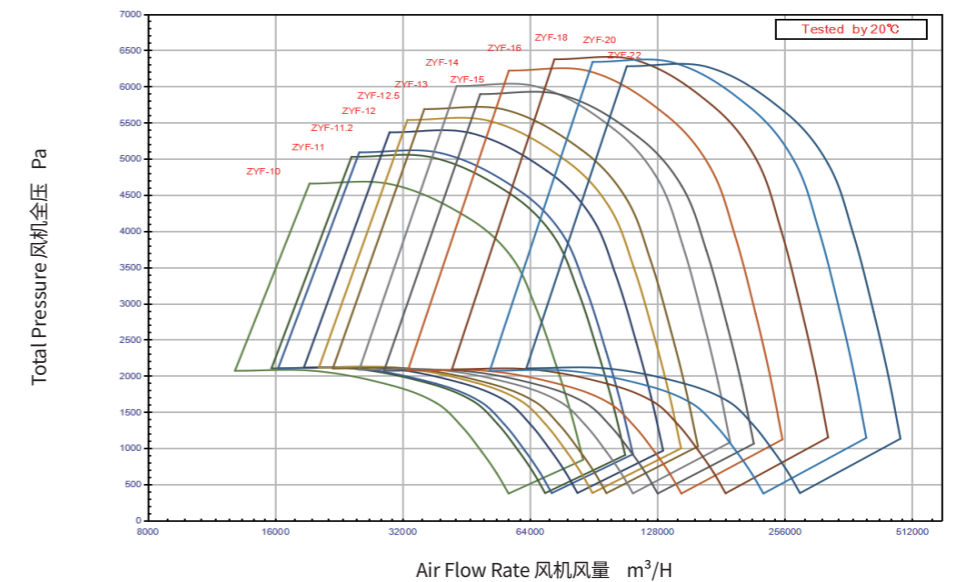
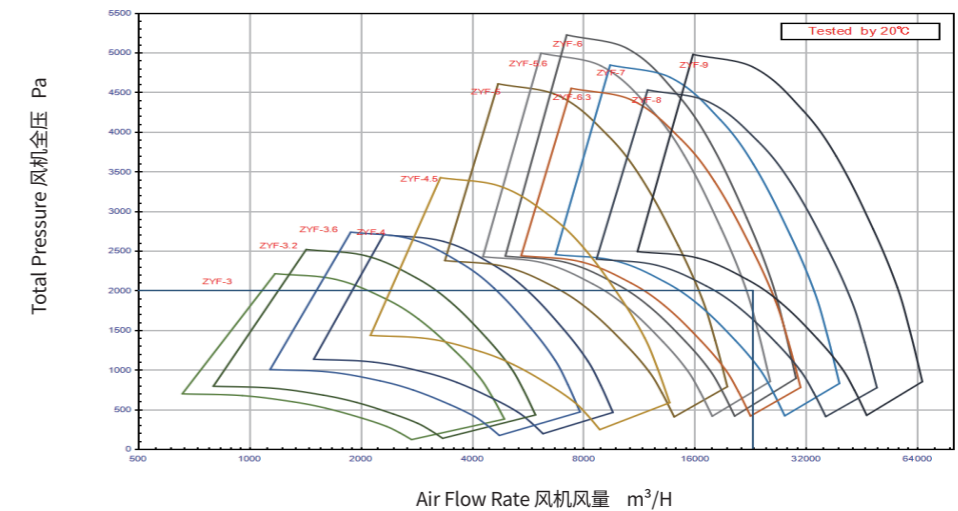
示例 Example

若以需求风量23000CMH、全压2000PA为例, 根据下列性能曲线表所示, 选出适用的ZYF-8机型。
 For a required air volume of 23,000 CMH and Total Pressure of 2,000 Pa, select the ZYF-8 model according to the performance curve table below.

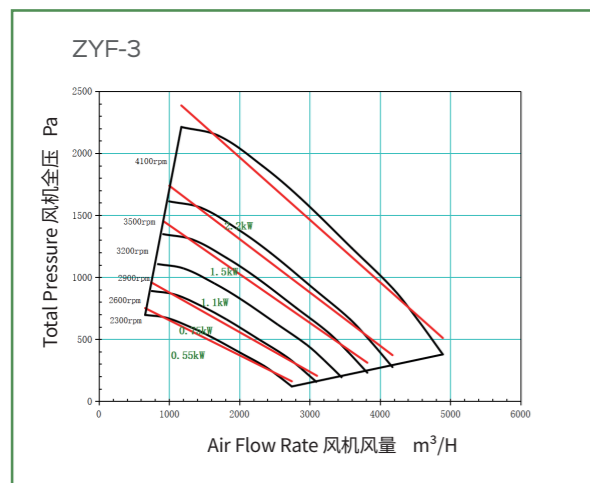
注(NOTE): 1CMH=60CMM 1MMAQ≈9.8PA

ZYF系列风机性能总表

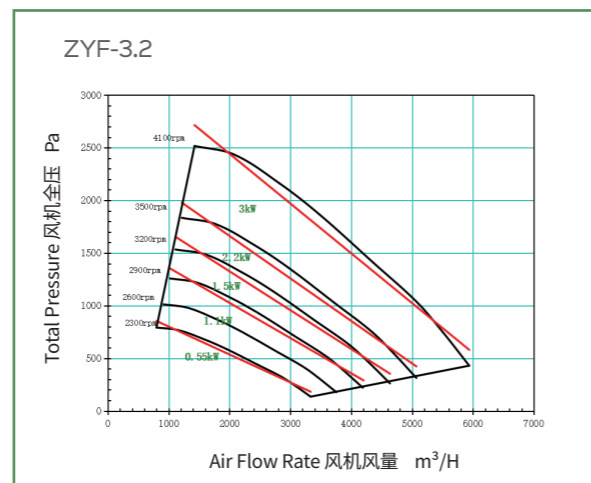
Performance Summary Table of the ZYF Fans Series



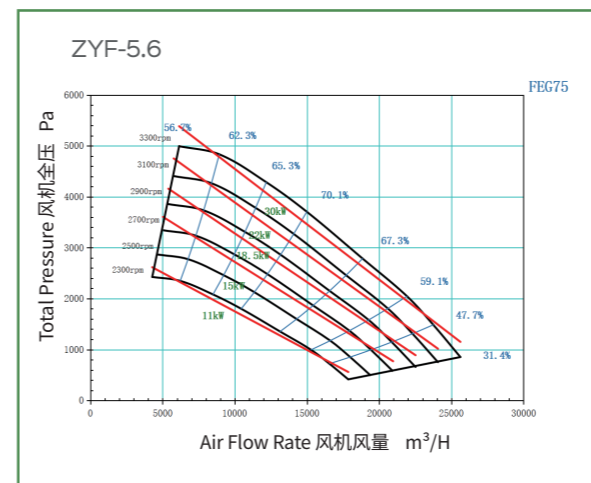
ZYF-3



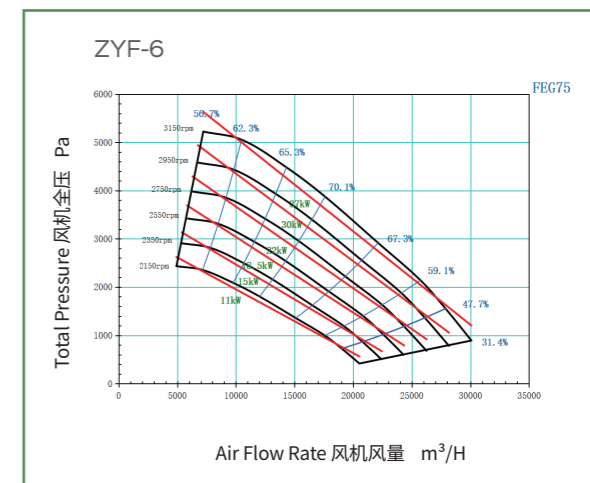
ZYF-3.2



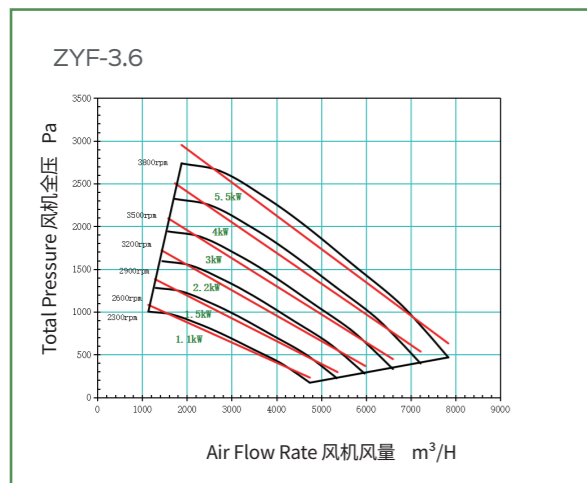
ZYF-5.6



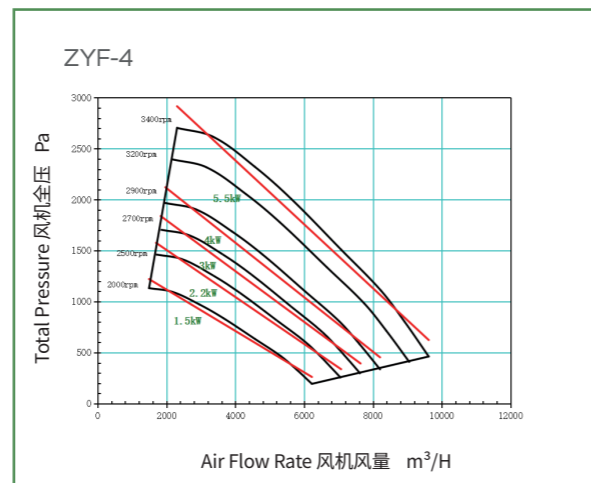
ZYF-6



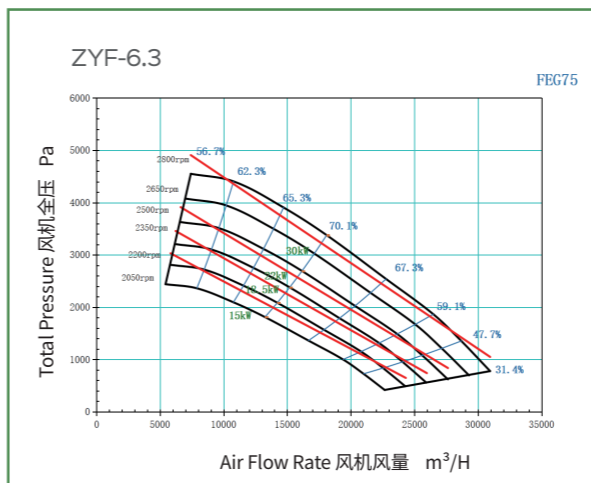
ZYF-3.6



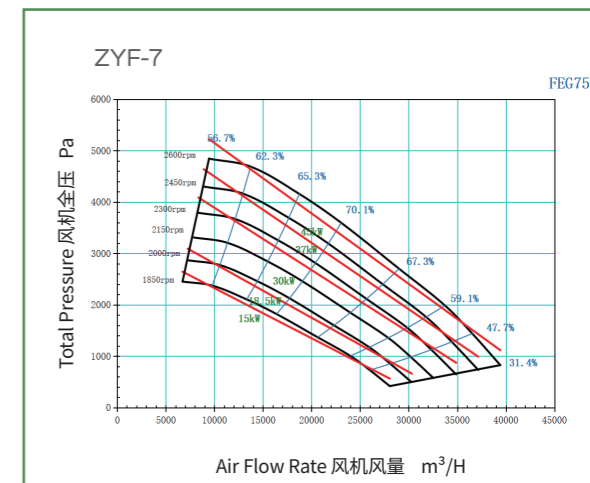
ZYF-4



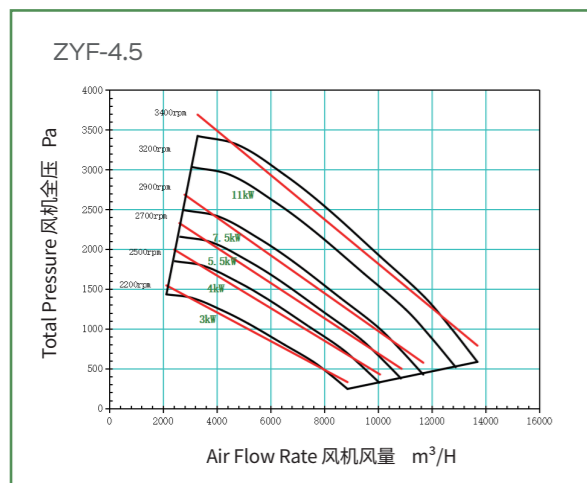
ZYF-6.3



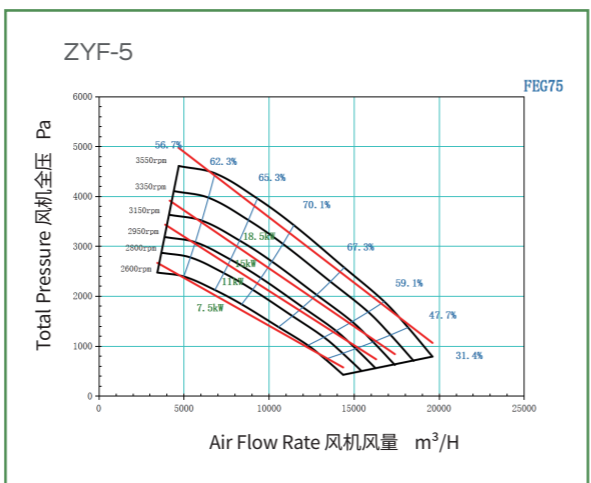
ZYF-7



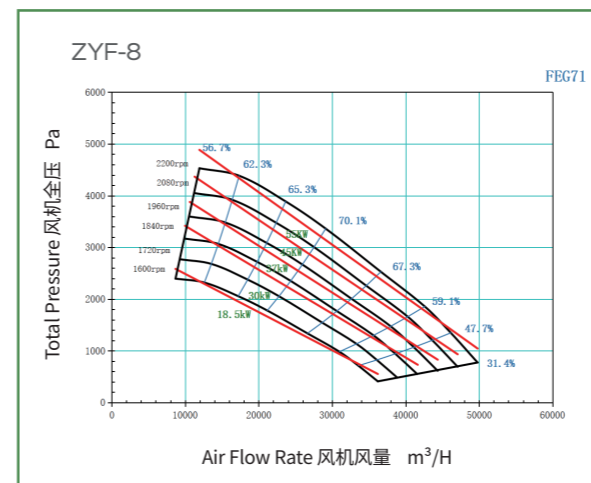
ZYF-4.5



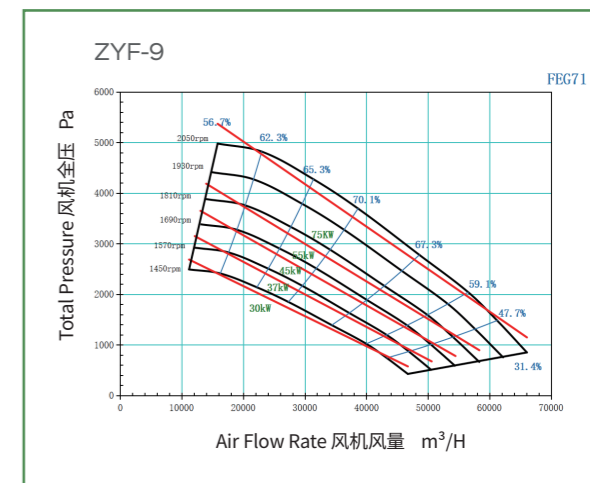
ZYF-5



ZYF-8



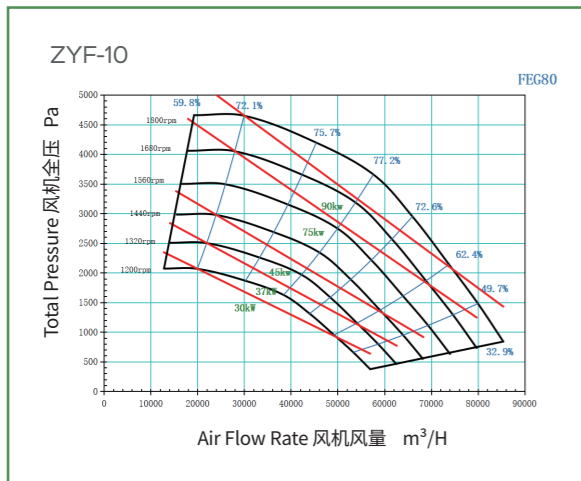
ZYF-9



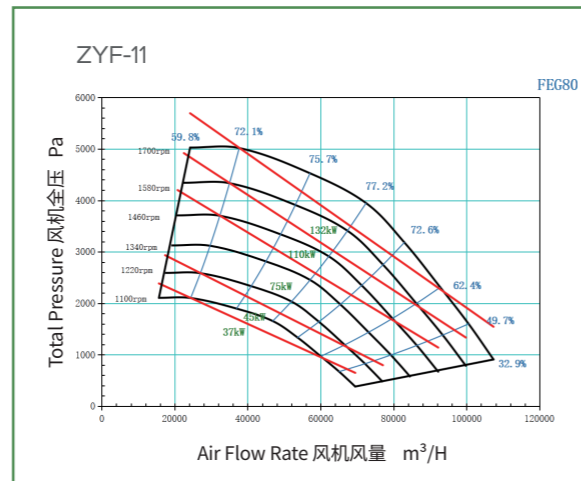
ZYF-3, ZYF-3.2, ZYF-3.6, ZYF-4, ZYF-4.5 are not licensed to bear the AMCA Certified Ratings Seal.
 Performance certified is for installation type B- Free inlet, ducted outlet.
 Power rating (kW) does not include transmission losses.
 Performance ratings do not include the effects of appurtenances (accessories).

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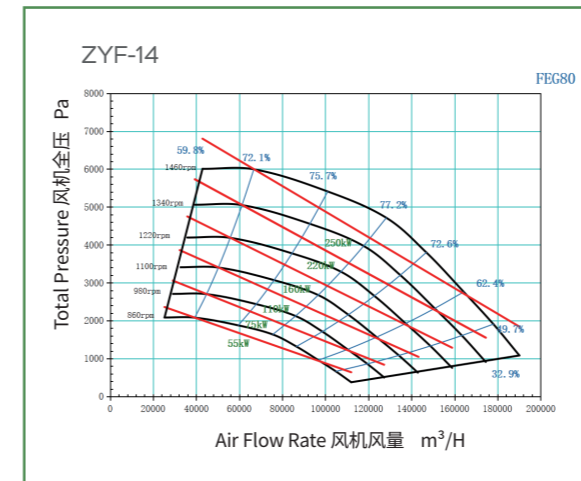
ZYF-10



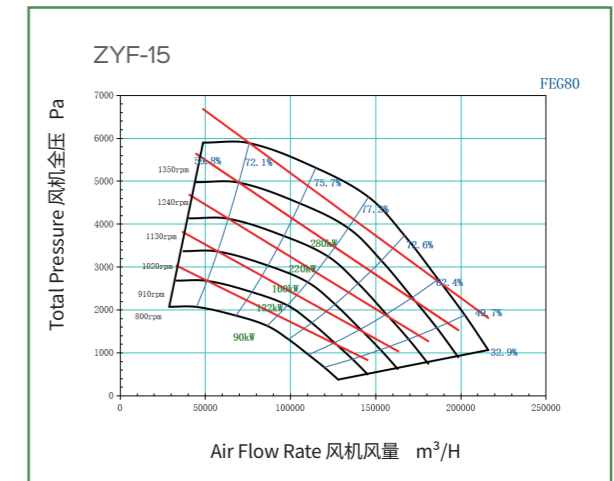
ZYF-11



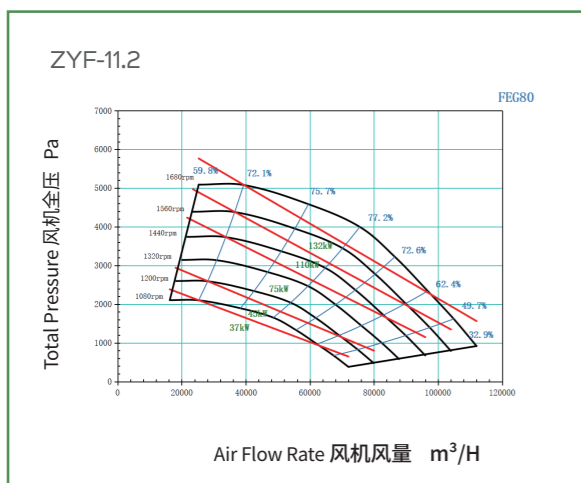
ZYF-14



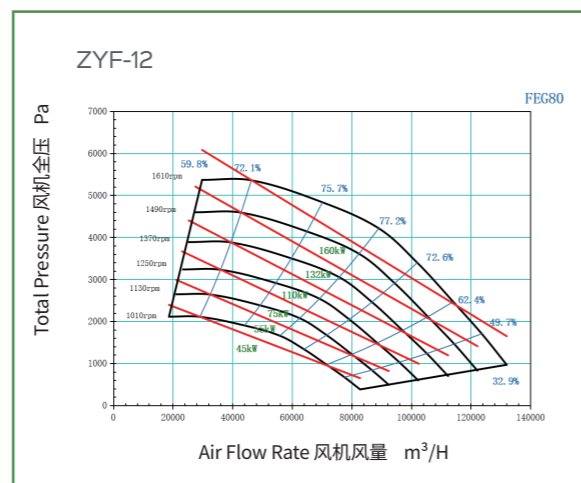
ZYF-15



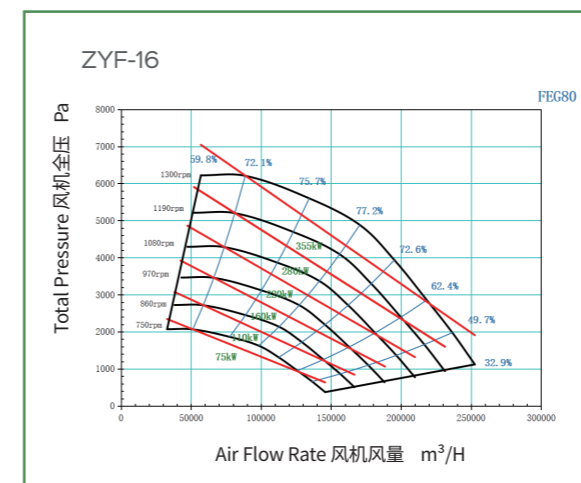
ZYF-11.2



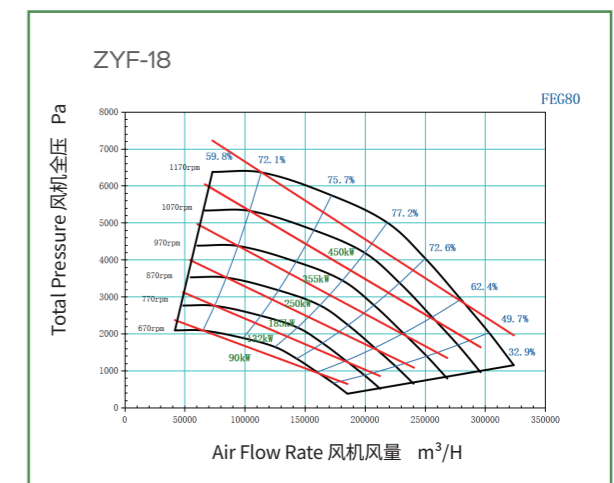
ZYF-12



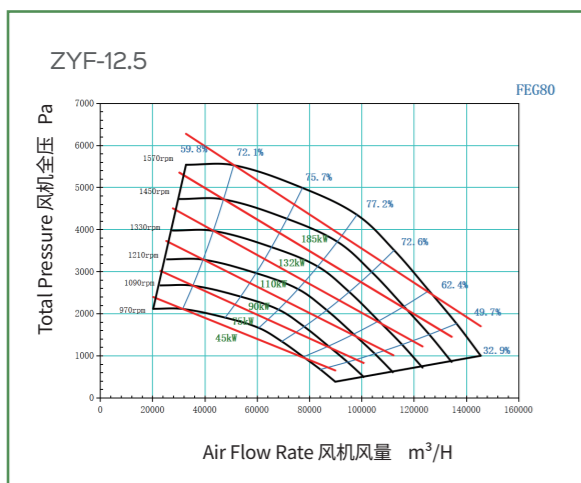
ZYF-16



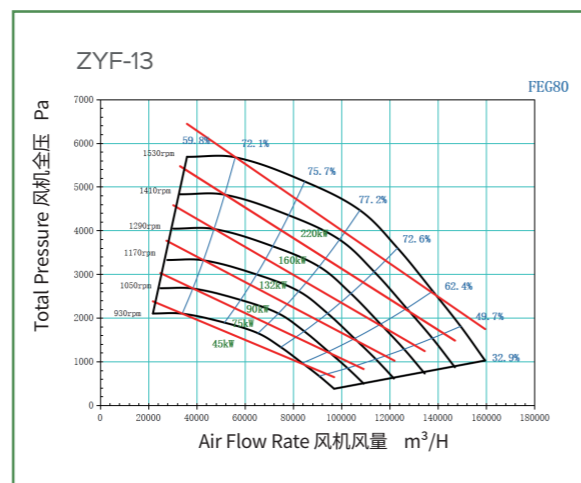
ZYF-18



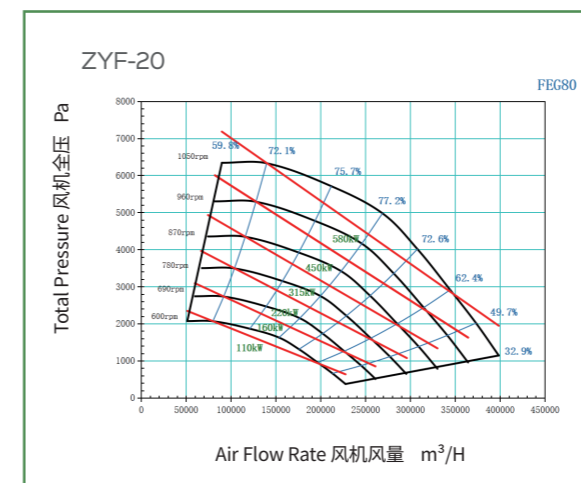
ZYF-12.5



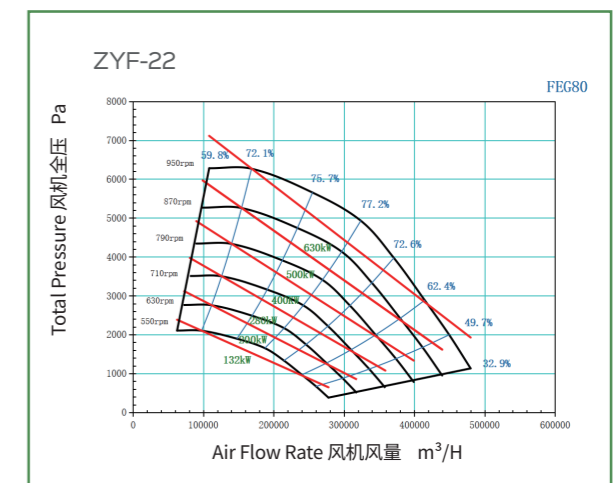
ZYF-13



ZYF-20



ZYF-22

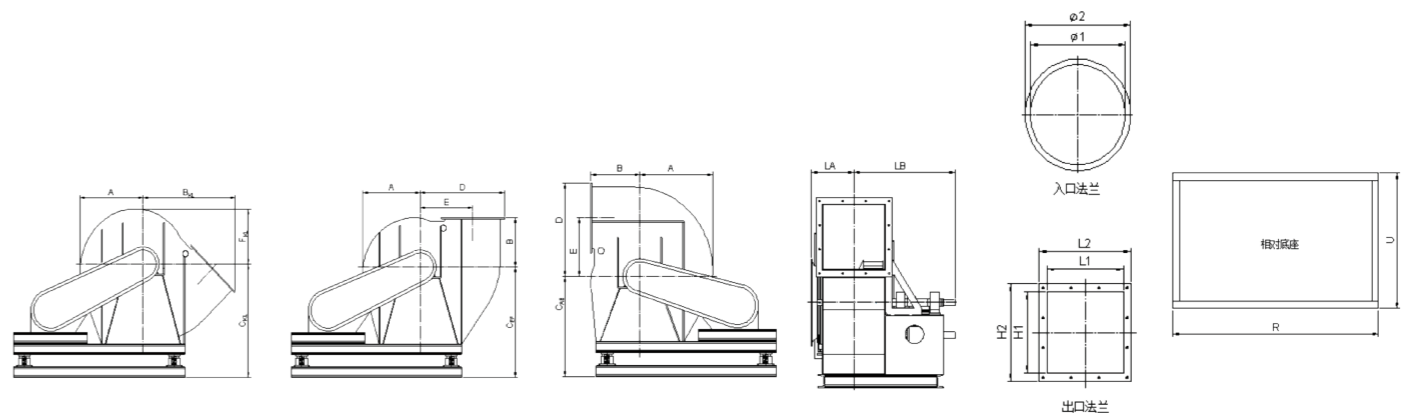
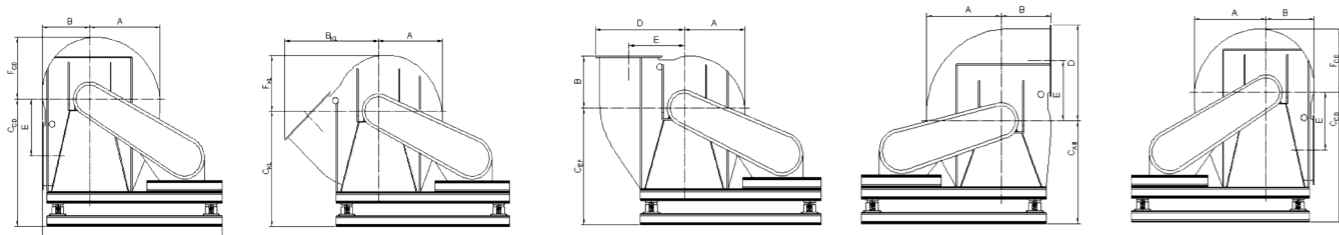


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风机尺寸

Fan Dimensions



型号 Model	风机外形尺寸 Centrifugal Fan Overall Dimensions										
	A	B	B _{KL}	C _{AB}	C _{CD}	C _{EF}	C _{KL}	D	E	F _{CD}	F _{KL}
ZYF-3	560	240	427	496	606	536	556	360	197	247	226
ZYF-3.2	580	260	456	506	636	556	576	390	210	263	241
ZYF-3.6	620	290	513	546	676	596	616	430	237	296	271
ZYF-4	730	320	570	576	726	636	656	480	263	329	301
ZYF-4.5	780	360	641	616	786	676	716	540	296	370	339
ZYF-5	980	400	712	690	880	760	800	600	329	411	376
ZYF-5.6	1040	450	798	740	960	820	860	680	368	461	422
ZYF-6	1150	480	855	770	1000	860	900	720	394	494	452
ZYF-6.3	1180	500	897	800	1040	890	930	760	414	518	474
ZYF-7	1280	560	997	860	1130	960	1000	850	460	576	527
ZYF-8	1480	640	1139	980	1290	1090	1150	970	526	658	602
ZYF-9	1570	720	1282	1060	1410	1190	1250	1090	591	741	678
ZYF-10	1730	800	1424	1180	1570	1320	1390	1210	657	823	753
ZYF-11	1830	880	1567	1270	1690	1420	1500	1330	723	905	828
ZYF-11.2	1850	900	1595	1280	1710	1440	1520	1350	736	922	843
ZYF-12	1980	960	1709	1350	1810	1520	1600	1450	789	987	903
ZYF-12.5	2030	1000	1780	1390	1870	1570	1650	1510	821	1029	941
ZYF-13	2080	1040	1852	1470	1970	1650	1740	1570	854	1070	979
ZYF-14	2320	1120	1994	1550	2090	1750	1850	1690	920	1152	1054
ZYF-15	2410	1200	2136	1630	2210	1850	1950	1810	986	1234	1129
ZYF-16	2510	1280	2279	1760	2370	1980	2090	1930	1051	1317	1205
ZYF-18	2800	1440	2564	1920	2610	2180	2300	2170	1183	1481	1355
ZYF-20	2990	1600	2849	2170	2930	2450	2590	2410	1314	1646	1506
ZYF-22	3190	1760	3133	2330	3180	2640	2800	2660	1446	1810	1656

型号 Model	风机外形尺寸 Centrifugal Fan Overall Dimensions		入风口 Outlet Size		出风口 Outlet Size				机座尺寸 Base Dimensions	
	LA	LB	ø1	ø2	L1	L2	H1	H2	R	U
ZYF-3	158	477	280	360	204	284	270	350	720	700
ZYF-3.2	168	477	300	380	218	298	288	368	740	710
ZYF-3.6	189	477	330	410	245	325	324	404	790	740
ZYF-4	210	477	370	470	272	372	360	460	940	770
ZYF-4.5	237	477	420	520	306	406	405	505	1000	810
ZYF-5	263	525	460	560	340	440	450	550	1260	900
ZYF-5.6	294	590	520	620	381	481	504	604	1430	1000
ZYF-6	315	590	560	660	408	508	540	640	1480	1030
ZYF-6.3	331	590	590	710	428	548	567	687	1520	1060
ZYF-7	368	590	650	770	476	596	630	750	1600	1110
ZYF-8	421	590	740	860	544	674	720	850	1760	1180
ZYF-9	473	670	840	960	612	742	810	940	2020	1340
ZYF-10	526	670	930	1050	680	800	900	1020	2140	1410
ZYF-11	526	754	930	1050	680	800	900	1020	2220	1490
ZYF-11.2	589	800	1040	1160	762	882	1008	1128	2360	1630
ZYF-12	631	800	1110	1230	816	936	1080	1200	2460	1690
ZYF-13	683	800	1210	1330	884	1004	1170	1290	2660	1760
ZYF-12.5	657	900	1160	1300	850	990	1125	1265	2600	1830
ZYF-14	736	1000	1300	1440	952	1092	1260	1400	2970	2040
ZYF-15	789	1000	1390	1550	1020	1180	1350	1510	3090	2110
ZYF-16	841	1000	1490	1650	1088	1248	1440	1600	3210	2180
ZYF-18	946	1000	1670	1830	1224	1384	1620	1780	3580	2330
ZYF-20	1051	1000	1860	2020	1360	1520	1800	1960	3820	2480
ZYF-22	1157	1000	2040	2200	1496	1656	1980	2140	4060	2630

行业应用

INDUSTRY APPLICATIONS



半导体/SEMICONDUCTOR



电路板制造/PCB MANUFACTURING



市政/MUNICIPAL SANITATION



实验室/LABORATORY



医药化工/PHARMACEUTICAL



工业废物处理/INDUSTRIAL WASTE TREATMENT



有色金属行业/NON-FERROUS METALS INDUSTRY



钢铁/STEEL MANUFACTURING

企业理念

ENTERPRISE PHILOSOPHY

客户价值理念

Customer Value Philosophy

专注风机领域
客户需求
Focus on Anti-Corrosion
Customer Needs

洞察需求
Needs Insight

组合创新
Integrative Innovation

八大痛点靶向解决 Targeting Eight Critical Issues

RS

您有没有遇到:
Have You Encountered:

报价问题?

QUOTATION ISSUES?

不及时 | 不真实
不专业 | 总漏项

Quotation not timely | Inaccurate
Unprofessional | Frequent omissions

我们

基于CPQ自动核价系统,结合CRM精准报价功能及KRSS选型软件工况判断引擎的协同优化方案,实现实时精准报价。

RS

您有没有遇到:
Have You Encountered:

研发问题?

R&D ISSUES?

想当然 | 半吊子
掉链子 | 缺洞察

Assumption-driven approaches | Half-baked work
Dropped responsibilities | Lack of insight

我们

基于深度IPD思维,依托PLM系统整合客户需求,创新结构化流程,交付超越预期方案!

RS

您有没有遇到:
Have You Encountered:

定制问题?

CUSTOMIZATION ISSUES?

一刀切 | 教条化
僵硬化 | 同质化

Dogmatic approaches | One-size-fits-all
Rigid processes | Homogenized offerings

我们

基于充分洞察客户多维需求依托于数字化创新满足定制化的需求,实现精准匹配与降本增效!

RS

您有没有遇到:
Have You Encountered:

工艺问题?

PROCESS ISSUES?

验证少 | 工艺差
标准乱 | 改进慢

Limited validation | Poor process capability
Inconsistent standards | Slow improvements

我们

基于严格的DFMEA和PFMEA流程:依托PLM系统精准排雷,确保可靠产品交付。

RS

您有没有遇到:
Have You Encountered:

质量问题?

QUALITY ISSUES?

货不实 | 次充优
工粗糙 | 效不足

Misrepresented goods | Inferior sold as premium
Rough workmanship | Insufficient performance

我们

基于QMS全过程管理框架,依托一物一码全生命周期数据链与DMAIC持续改进机制,构建“数据驱动-风险预控-闭环优化”三位一体的数字化质量管理体系,实现制造过程质量透明化、异常根因可追溯。

RS

您有没有遇到:
Have You Encountered:

交期问题?

DELIVERY ISSUES?

乱承诺 | 总拖延
反应慢 | 无绿通

Unreliable delivery promises | Consistent delays
Slow responses | No green-channel

我们

基于MES生产制造管理系统,搭建供应链协同平台,让客户实时掌握生产进度,通过APS动态排程算法,实现生产交期透明化和订单柔性生产。

RS

您有没有遇到:
Have You Encountered:

供方问题?

SUPPLIER ISSUES?

拖后腿 | 不可靠
诚信低 | 关转停

Suppliers dragging progress | Unreliable partners
Low integrity | Sudden shutdowns or suspensions

我们

基于13年风机行业底蕴,凭借自有实体资产与全链技术资质相结合的核心优势,为客户高保障交付!

RS

您有没有遇到:
Have You Encountered:

售后问题?

AFTER-SALES ISSUES?

响应慢 | 推责任
无闭环 | 缺保障

Slow response | Blame-shifting
No closed-loop resolution | Lack of assurance

我们

依托CSS智能售后系统和专业认证服务团队,构建全国24小时应急响应网络,通过实时工单追踪和预防性维护,保障设备全生命周期稳定运行,提供定制化升级改造与云端托管服务。

组织活力 TEAM SYNERGY



流程再造 OPTIMIZED OPERATIONS



智能制造 INTELLIGENT MANUFACTURING



ABB智能焊接机器人
Abb Intelligent Welding Robot



风洞实验室
Wind Tunnel Laboratory

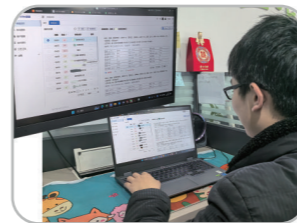


重型数控旋压机
Heavy-Duty Cnc Spinning Lathe

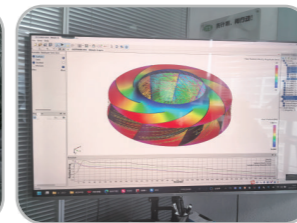


抛丸机
Shot Blasting Machine

交付方案 TAILORED SOLUTIONS



设备选型
Equipment Selection



有限元分析
Finite Element Analysis (FEA)



生产进度动态管理
Dynamic Production Progress Management



质量检验与发货
Quality Inspection & Shipment

售后服务 AFTER SALES SERVICE

