

# XT-FCC300气悬浮离心式空压机

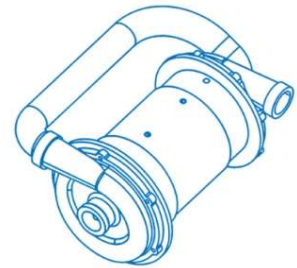
## Oil-free FC Centrifugal Air Compressor



### 介绍 \ Introduction

势加透博是国内高性能透平机械核心技术研制服务和创新研发的**领导品牌**，公司创立7年多来，紧密围绕国家能源与动力发展大势，以“全球资源，加力成功”的经营理念，完成了80多项科研重大项目。结合国家氢能和燃料电池产业大发展，势加透博研发了XT-FCC系列气悬浮空压机，填补了国内燃料电池无油离心机空白（恰如强劲的“肺”为燃料电池提供洁净空气）。

XecaTurbo is a leading Chinese brand in turbomachinery-focused engineering service and innovation R&D company. With more than 7 years and 80+ projects accumulation of state-of-art experience, also with global resources and partnership, XecaTurbo has developed the XT-FCC series Oil-free FC centrifugal air compressor products, which can supply purely clean air to FCs, just as strong lung. XT-FCC is the first of its kind in China market.



### 规格 \ Specification

型号 / Model	XT-FCC300
设计 / Design	两级 / Two stages
轴承 / Bearing	空气箔片轴承 / Air Foil Bearing
启停寿命 / Start stop cycle	100000次/100000
进气温度 / Inlet Temperature	-45~45 °C
压比 / Pressure ratio	2.5
流量 / Mass flow	108 g/s
等熵效率 / Isentropic Efficiency	78%
重量 / Weight	11.3 kg
电压 / Voltage	450~750 V DC
通讯 / Communication	CAN 2.0B, SAE-J1939
控制器尺寸 / Driver size	370mm*218mm*97mm
冷却液 / Coolant type	50/50乙二醇/水混合物 / Glycol/Water mix



# XT-FCC300 气悬浮离心式空压机

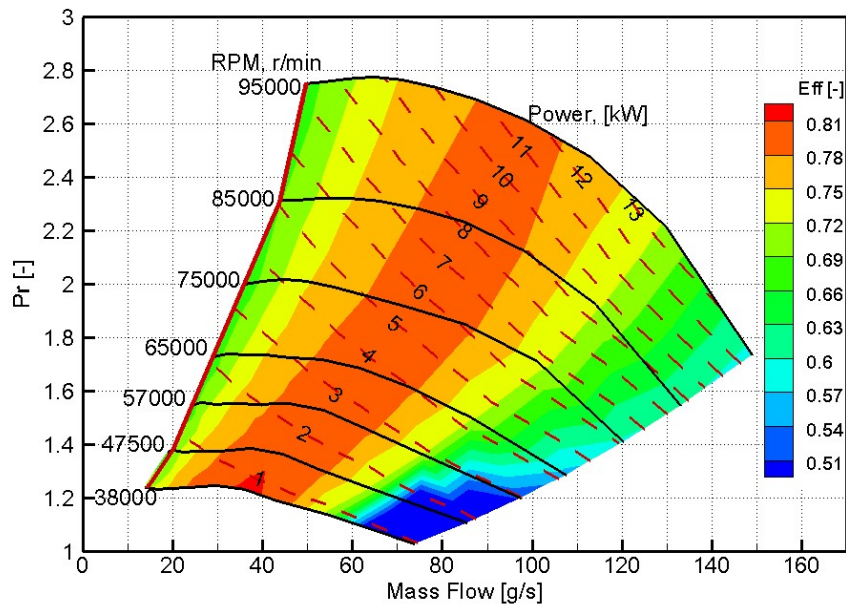
## Turbo-air-compressor with foil bearing



### 优点 \ Benefits

- 完全无油
- 快速响应
- 高效系统性能
- 可靠性好, 寿命长
- 紧凑轻量设计
- 多方位安装
- 噪音振动小
- Absolutely oil-free
- Fast response
- Efficient system performance
- Robust and long lifetime
- Compact and lightweight design
- Allow various installation orientation
- Quiet and less vibration

### 空压机特性线 \ Compressor Map



### 尺寸 \ Dimensions

