FRP high-pressure fan

FRP高压风机

Dingyu 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.

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 seal for easy maintenance without necessity to remove the anchor bolts.

风机组与特点

Applications and features

可广泛用于：
- 玻璃钢、泡沫塑料、化工原料、污水除臭、造纸成浆、废旧利用等含有高压腐蚀性气体的环境。
- Environments containing high-pressure corrosive gas such as for fiber glass processing, rare-earth refinement, chemical and medicines production, sewage deodorization, anhydroic paper manufacturing, acid washing etc.
风机制型选用说明
Explanation for fan model selection

范例：
如需风量25000CMH、静压400Pa为例，则根据下述性能曲线总表表示，选用适用的HF-421机型

Example:
If required for a capacity of 25000CMH and a static pressure of 400Pa, then the HF-421 model is suitable for your application according to the summary table of performance curve below.

性能曲线总表
Summary table of performance curve

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

### Selection of transmission method for Dingyu Fan

- **(A)** Belt-driven model
- **(B)** Shaft-driven model
- **(C)** Direct-engagement model

### Standard rotation direction and wind-hole direction

- **(D)** Subject to motor-side direction
- **(E)** Special design is possible for customer requirements

### Table: Model Specifications

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