

XBD

立式单级消防专用泵系列



www.4008814188.com

一、产品概述 / Product Overview

XBD型立式消防专用泵, 是本公司最新开发研制的新产品, 其水力性能参数符合公安部“消防给水规范”的要求, 结构新颖。产品经国家消防装备质量监督检验中心测试, 其主要性能达到国外同类产品先进水平, 是目前国内适应消防工况范围最广, 品种规格最多, 结构、形式最灵活的固定消防泵。

PURITY'S XBD vertical fire pump is the new generation of newly developed. Its hydraulic performance is in accordance with the requirements of the ministry of public security's standard of fire water supply. The products are tested by the national fire equipment quality supervision and inspection center, the performance has reached the advanced level of similar foreign products, are the widest range and the most flexible fire pumps for currently fire fighting conditions.

二、结构特点说明 / Structure features

- 1、泵结构紧凑、体积小、外形美观, 其立式结构安装占地面积小, 其重心重合于泵脚中心, 因而增强了泵的运行稳定性和使用寿命。
- 2、进出口径相同并在同一中心线上, 安装方便, 无需改变管路, 可象阀门一样直接安装在管路任何部位。电机外加防雨罩亦可置于户外使用。
- 3、机泵同轴, 简化了中间结构, 增加了运行的平稳性, 叶轮具有极好的动静平衡, 运行时振动小、噪音低、延长了轴承的使用寿命, 改善了使用环境。
- 4、密封可靠, 轴封采用硬质合金及碳化硅等耐磨材质的机械密封, 不仅解决了离心泵填料密封的渗漏问题, 而且增加了使用寿命。
- 5、维修方便、勿需拆卸管道, 只要拆下连接架, 取出电机及传动组件即可进行检修维护。
- 6、其独特结构, 精心设计, 不仅缩小了泵房面积, 改善了空间, 而且大大节省基建投资。

1、Compact, small size, beautiful shape, and the area covered is small because of its structure installation. Its center of gravity is coincide with the foot of pump, thereby enhancing the operation stability and the operation life of the pump.

2、Vertical pump outlet and inlet is of the same diameter and at the same center line. The pump is easy to install, no need to change pipeline, can be installed directly to any part of the pipeline as like valve. Rain cover on the motor can be also placed outdoors.

3、Motor and pump is coaxial, simplifying the intermediate structure and increasing the smooth running of the impeller with excellent static and dynamic balance. Run in small vibration, low noise, therefore extending bearing life and improving the use of the environment.

4、Reliable sealed with wear-resistant material such as hard alloy and silicon carbide for mechanical seals, not only solve the pump packing seal leakage problem but increase service life.

5、Easy maintenance, Needless to remove pipe, only to remove the connection of the frame. And remove the motor and transmission components for repair and maintenance.

6、Its unique structure and elaborate design not only reduce the pumping station area, improve the space but also greatly reduce infrastructure investment.

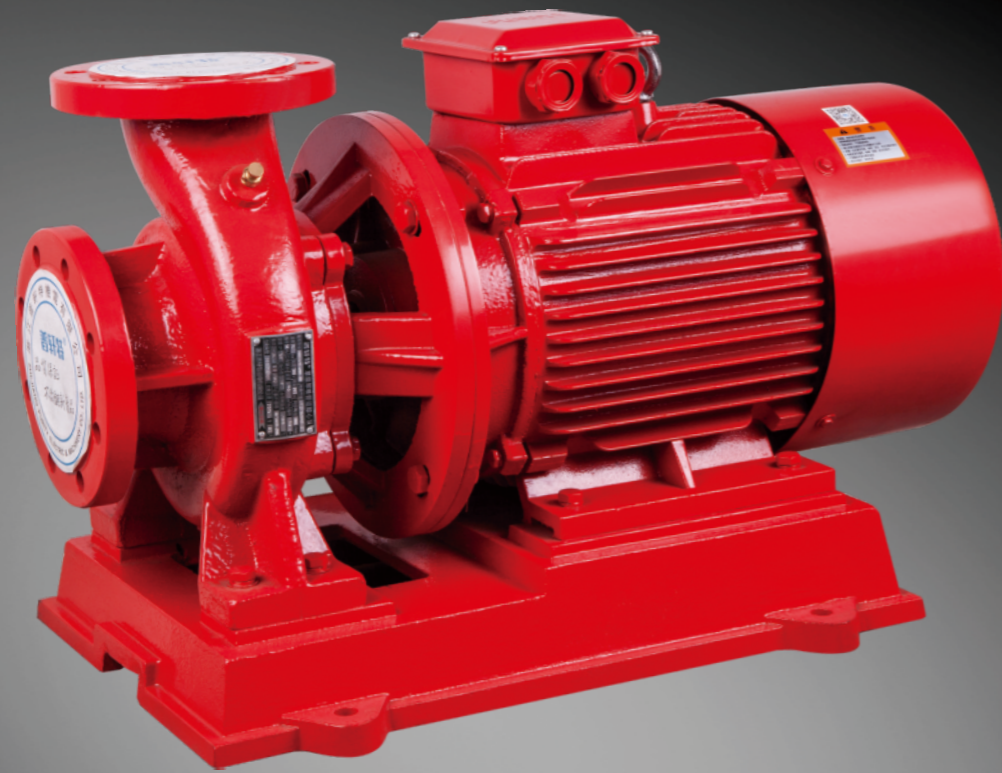
三、适用范围 / Application

适用于高层建筑, 工矿仓库、电站、码头城市民用建筑的固定消防系统(消防栓、自动喷淋和水喷雾等灭火系统)的给水, 也可用于独立消防给水系统, 又可用于消防、生活共用给水, 还可用于建筑、市政、工矿给排水。

Suitable for high-rise buildings, fire protection system, industrial warehouse fixed station, terminal city buildings (fire hydrants, sprinkler and water spray extinguishing system) of water, can also be used for independent fire water supply system, and can be used for fire fighting, life shared water supply, also can be used in the construction, municipal, industrial water supply and drainage.

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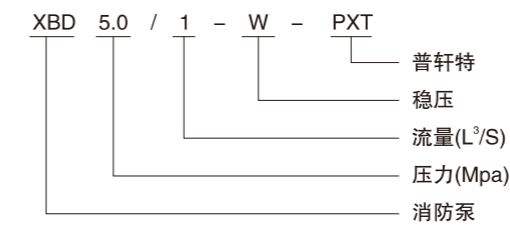


污水处理 家庭供水 城市用水 工业用水



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四、型号说明 / Model description



五、使用条件 / Use condition

流量范围: 5~200L/S	Flow range: 5~200L/S
压力范围: 0.2~1.35MPa	Pressure range: 0.2~1.35MPa
转速: 2950/min、1480r/min	Speed: 2950/min、1480r/min
系统最高工作压力: 2.5MPa	Maximum working pressure: 2.5MPa
介质温度: ≤80℃	Medium temperature ≤ 80℃
环境温度: 不高于+40℃	The ambient temperature is not higher than +40℃
电机防护等级: IP44、IP54	Motor protection class: IP44、IP54
电机绝缘等级: B、F级	Motor insulation: B、F

六、技术参数 / Technical parameters

型号 Type	流量 Flow		压力 Pressure (Mpa)	功率 Power (kw)	转速 speed (r/min)	进出口径 Pipe diameter (mm)
	L/s	m ³ /h				
XBD3.1/1W-PXT	1	3.6	0.31	2.2	2900	40
XBD5.0/1W-PXT	1	3.6	0.50	4	2900	40
XBD4.7/2W-PXT	2	7.2	0.47	4	2900	40
XBD6.0/2W-PXT	2	7.2	0.60	5.5	2900	40
XBD5.0/3W-PXT	3	10.8	0.50	5.5	2900	40
XBD6.0/3W-PXT	3	10.8	0.60	7.5	2900	40
XBD7.0/3W-PXT	3	10.8	0.70	11	2900	40
XBD5.0/4W-PXT	4	14.4	0.50	7.5	2900	50
XBD6.0/4W-PXT	4	14.4	0.60	11	2900	50
XBD7.4/4W-PXT	4	14.4	0.74	11	2900	50
XBD3.8/5G-PXT	5	18	0.38	5.5	2900	50
XBD7.0/5G-PXT	5	18	0.70	11	2900	65
XBD8.0/5G-PXT	5	18	0.80	15	2900	50
XBD9.5/5G-PXT	5	18	0.95	22	2900	65
XBD3.1/10G-PXT	10	36	0.31	7.5	2900	80
XBD5.0/10G-PXT	10	36	0.50	15	2900	80
XBD5.5/10G-PXT	10	36	0.55	15	2900	80
XBD6.5/10G-PXT	10	36	0.65	18.5	2900	65
XBD8.5/10G-PXT	10	36	0.85	22	2900	80
XBD4.0/20G-PXT	20	72	0.40	15	2900	80
XBD5.0/20G-PXT	20	72	0.50	2	2900	100
XBD6.0/20G-PXT	20	72	0.60	30	2900	100
XBD7.0/20G-PXT	20	72	0.70	30	2900	100
XBD8.5/20G-PXT	20	72	0.85	37	2900	100
XBD9.5/20G-PXT	20	72	0.95	45	2900	100
XBD11.2/20G-PXT	20	72	1.12	55	2900	100
XBD12.5/20G-PXT	20	72	1.25	75	2900	100
XBD4.5/25G-PXT	25	90	0.45	22	2900	100
XBD5.5/25G-PXT	25	90	0.55	30	2900	100
XBD6.5/25G-PXT	25	90	0.65	37	2900	100
XBD8.5/25G-PXT	25	90	0.85	55	2900	125
XBD5.0/30G-PXT	30	108	0.50	30	2900	100
XBD6.0/30G-PXT	30	108	0.60	37	2900	125
XBD7.0/30G-PXT	30	108	0.70	45	2900	125
XBD8.0/30G-PXT	30	108	0.80	55	2900	125
XBD9.0/30G-PXT	30	108	0.90	75	2900	125
XBD10.0/30G-PXT	30	108	1.00	75	2900	125
XBD4.0/40G-PXT	40	144	0.40	.4	2900	150
XBD5.0/40G-PXT	40	144	0.50	45	2900	150
XBD6.0/40G-PXT	40	144	0.60	55	2900	150