

第 1 章 设备描述

First chapter description of equipment

WFB-泵为立式单吸自吸泵，运用气液分离原理，排除管路的空气产生自吸，进水管路装有真空电磁阀，避免停机时产生虹吸现象，确保自吸泵腔内介质储量，供下次起泵时自吸正常运行，真正做到一次引流，终身自吸的效果。该泵适合输送：清洁或者有污染、低温或高温液体、中性或有腐蚀性液体。

The WFB pump is a vertical single suction self-priming pump. By using the principle of gas-liquid separation, the air in the pipe is excluded from self-priming, and the inlet pipe is equipped with a vacuum solenoid valve to avoid siphoning when stopping, and to ensure the medium reserves in the cavity of the self-priming pump. The pump is suitable for transportation: clean or polluted, low temperature or high temperature liquid, neutral or corrosive liquid.

1.1 一般数据

1.1 General data

1.1.1 运行特性

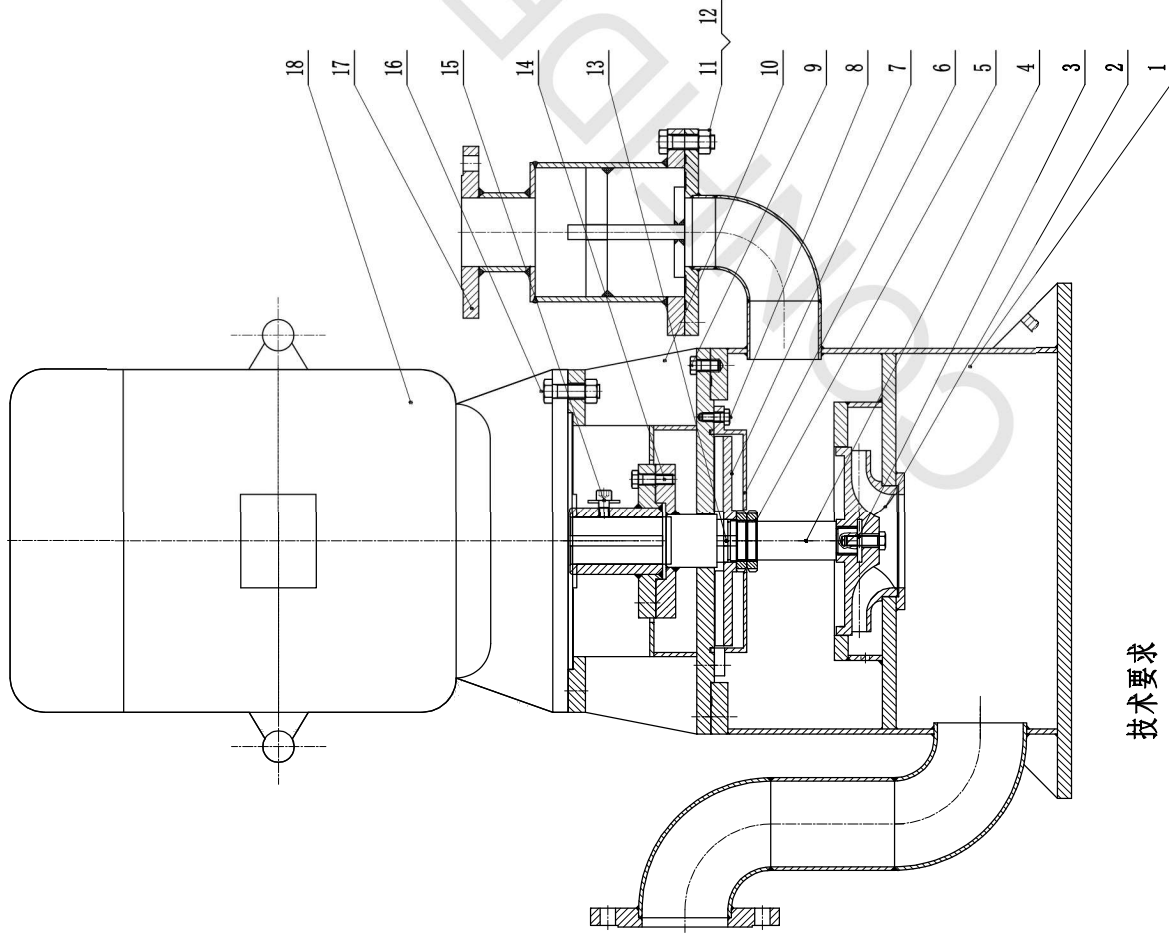
1.1.1 operational characteristics

正常状态下泵主要功能特征见表 1-1

The main functional features of the pump under normal conditions are shown in Table 1-1

NO.	KKS Code	Equipment Name	Qty.	Specification	Pump Model	Motor Power
1	00GGB10AP001/002/003/004	Seawater supply pump A/B/C/D	4	Q=310m ³ /h, P=2.5bar	200WFB-AD	55KW 4P
2	00GME41AP001/002	SWRO reject discharge pump A/B	2	Q=550m ³ /h, P=3.0bar	250WFB-A	90KW 4P
3	00GMC41AP011/012	Chemical wastewater transfer pump A/B	2	Q=100m ³ /h, P=4.0bar	100WFB-C-2	37KW 2P
4	00GMD41AP001/002	Slurry pump A/B	2	Q=40m ³ /h, P=2.5bar	80WFB-A	11KW 2P

1.2 详细说明:



技术要求

1. 水泵运转从电机侧看逆时针运转

No.	Codename	Name	Quantity	Material	Weight	Remark
18		55KW-4P	1			
17		止回阀 (check valve)	1	25073		
16	GB/15781-2000	六角头螺栓-C级 M16×60	8	钢		
15	GB/T 9074.1-2002	内六角螺栓 Inner Hexagon bolt M12×25	3	钢		
14	GB/15781-2000	六角头螺栓 (Hexagon head bolt)-C级 M8×40	6	钢		
13		平键 (Flat key) 12 长12	1	25073		
12		六角螺母 (Hexagon nut) M20	8	钢		
11	GB/15781-2000	六角头螺栓 (Hexagon head bolt)-C级 M8×60	8	钢		
10	200WFB-AD	电机座 (motor seat)	1	2507/Q235		
9	GB/15781-2000	六角头螺栓 (Hexagon head bolt)-C级 M8×35	12	钢		
8	GB/15781-2000	六角头螺栓 (Hexagon head bolt)-C级 M10×35	4	25073		
7	200WFB-AD	叶轮 (Impeller)	1	25073		
6	200WFB-AD	密封座 (seal chamber)	1	25073		
5		圆螺母 (cap)	2	25073		
4	200WFB-AD	轴 (shaft)	1	25073		
3	GB/15781-2000	六角头螺栓 (Hexagon head bolt)-C级 M8×30	1	25073		
2	200WFB-AD	叶轮 (impeller)	1	25073		
1	200WFB-AD	泵体 (casing)	1	25073		

A		初版		修改日期		备注	
版次	日期	状态	修改人	日期	内容	修改人	日期
装配图							
江苏海澜泵业制造有限公司							
200WFB-AD							
图样名称	签字	日期	比例				
设计			1:1				
审核							
批准							

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