

# 氟塑料泵

## Fluorocarbon plastic pump



辰禹（重庆）流体设备有限公司

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# 目录 Catalogue

一、IHF 氟塑料离心泵 IHF Fluoroplastic Centrifugal Pump .....	1
1、用途 Application .....	1
2、设计特点 Design feature .....	1
3、零件图 Part drawing .....	2
4、结构图 Structural diagram .....	2
5、型号意义 Model designation .....	3
6、性能参数 Performance parameter .....	4
二、IHF-D 氟塑料离心泵 IHF-D Fluoroplastic Centrifugal Pump .....	7
1、用途 Application .....	7
2、设计特点 Design feature .....	7
3、零件图 Part drawing .....	8
4、结构图 Structural diagram .....	8
5、型号意义 Model designation .....	9
6、性能参数 Performance parameter .....	9
三、FSB 氟合金离心泵 FSB Fluorine Alloy Centrifugal Pump .....	10
1、用途 Application .....	10
2、设计特点 Design feature .....	10
3、零件图 Part drawing .....	11
4、结构图 Structural diagram .....	11
5、型号意义 Model designation .....	12

6、性能参数 Performance parameter.....	12
四、FSB-D 氟合金离心泵 FSB-D Fluorine Alloy Centrifugal Pump.....	13
1、用途 Application.....	13
2、设计特点 Design feature.....	13
3、零件图 Part drawing.....	14
4、结构图 Structural diagram.....	14
5、型号意义 Model designation.....	15
6、性能参数 Performance parameter.....	15
五、UHB-ZK 衬塑砂浆泵 UHB-ZK Plastic-coated Mortar Pump.....	16
1、用途 Application.....	16
2、设计特点 Design feature.....	16
3、零件图 Part drawing.....	17
4、结构图 Structural diagram.....	17
5、型号意义 Model designation.....	18
6、性能参数 Performance parameter.....	18
六、MIP(全新升级型)衬塑料浆泵 MIP (Newly Upgraded) Lining Plastic Slurry Pump.....	20
1、用途 Application.....	20
2、设计特点 Design feature.....	20
3、零件图 Part drawing.....	21
4、结构图 Structural diagram.....	21
5、型号意义 Model designation.....	22
6、性能参数 Performance parameter.....	22

七、GDF 氟塑料管道泵 GDF Fluoroplastic Pipeline Pump.....	23
1、用途 Application.....	23
2、设计特点 Design feature.....	23
3、零件图 Part drawin.....	23
4、结构图 Structural diagram.....	24
5、型号意义 Model designation.....	25
6、性能参数 Performance parameter.....	25
八、MAG 磁力驱动循环泵 MAG Magnetic Drive Circulating Pump.....	26
1、用途 Application.....	26
2、设计特点 Design feature.....	26
3、零件图 Part drawing.....	26
4、结构图 Structural diagram.....	27
5、型号意义 Model designation.....	27
6、性能参数 Performance parameter.....	27
九、FYH 工程塑料液下泵 FYH Engineering Plastic Submerged Pump.....	28
1、用途 Application.....	28
2、设计特点 Design feature.....	28
3、零件图 Part drawing.....	29
4、结构图 Structural diagram.....	29
5、型号意义 Model designation.....	30
6、性能参数 Performance parameter.....	30

# 一、IHF 氟塑料离心泵 IHF Fluoroplastic Centrifugal Pump

## 1、用途 Application

广泛适用于汽车制造中的酸洗、喷漆工艺;有色金属冶炼中的电解液输送;离子膜烧碱项目中的氨水、废水处理和加酸等工艺流程。

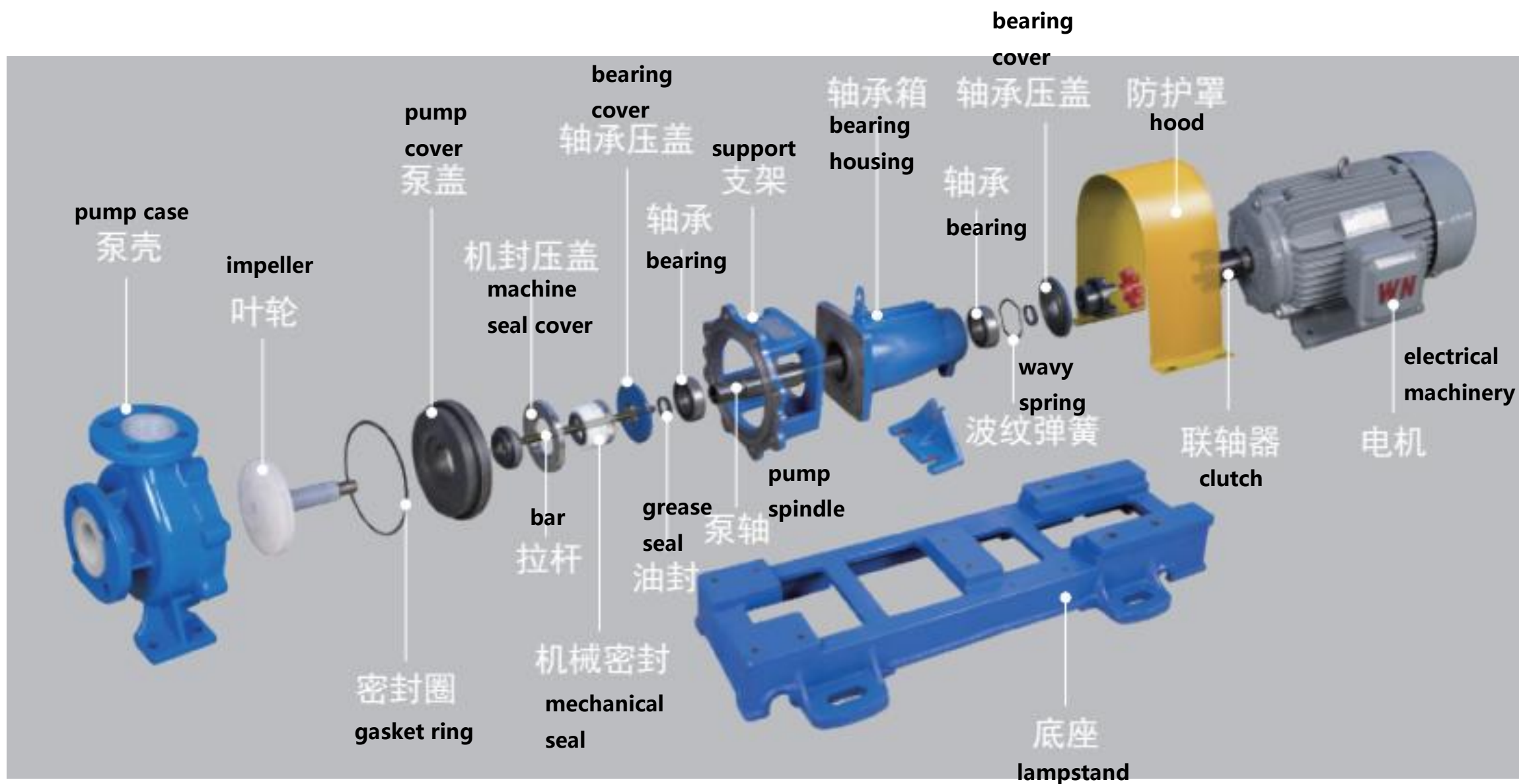
Widely applicable in pickling and painting processes in automobile manufacturing; electrolyte transportation in non-ferrous metal smelting; as well as chlorinated water treatment, wastewater treatment, and acid addition processes in ion-exchange membrane caustic soda projects.



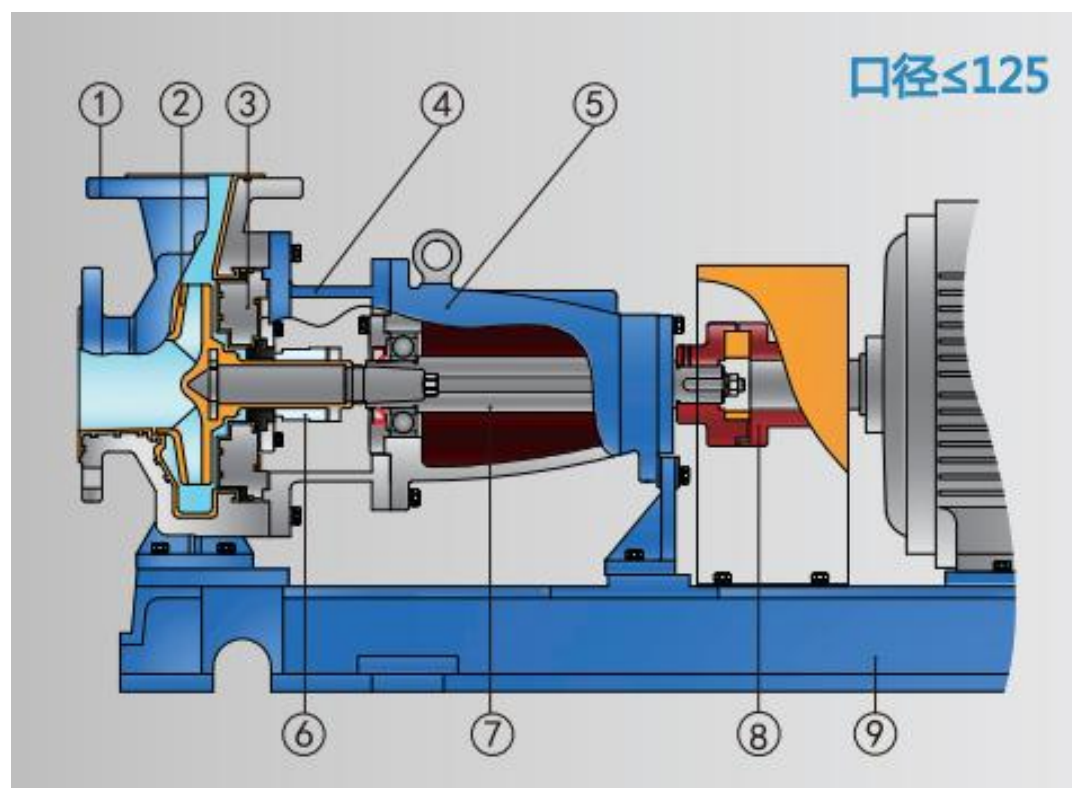
## 2、设计特点 Design feature

- IHF 系列采用 HT250 内衬 F46 制造，能承受一部分管道重力。
- The IHF series is constructed with HT250 lining and F46 material, capable of bearing partial pipeline weight.
- 过流部件全部紧衬氟塑料，泵的承重部分为铸造灰铁。配置外装式波纹管机械密封，对磨材质：碳化硅 VS 四氟、硬质合金 VS 硬质合金，可根据不同工况选择对磨面。
- All flow-through components are lined with fluoroplastic, while the pump's load-bearing section is made of cast gray iron. An externally mounted bellows mechanical seal is configured. The wear material options include silicon carbide vs. tetrafluoroethylene (SiC vs. PTFE) and cemented carbide vs. cemented carbide, with wear surfaces selectable according to different operating conditions.
- 叶轮采用氟塑料整体模压而成，氟塑料内部包裹钢嵌件，确保叶轮转动中保持强度。
- The impeller is manufactured as a monolithic fluoroplastic molded component, with steel inserts embedded within the fluoroplastic material to ensure structural integrity during rotation.
- 可配置 API 部分冲洗方案。
- The API can configure partial flushing schemes.

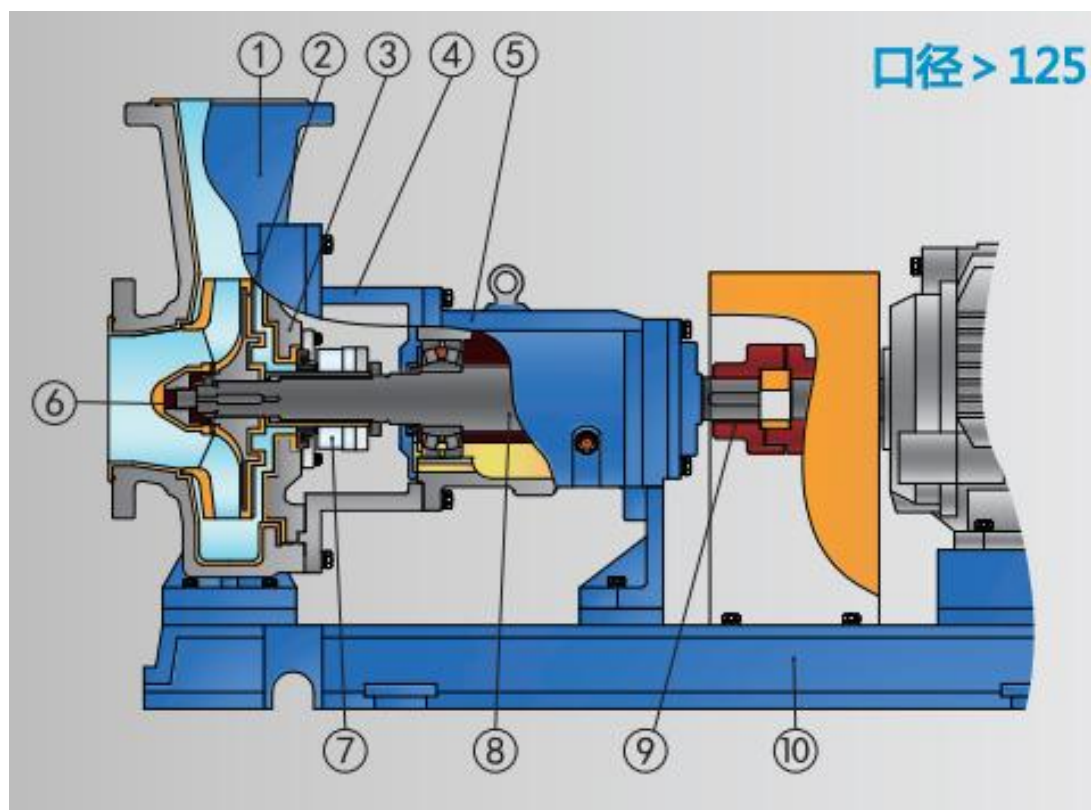
### 3、零件图 Part drawing



### 4、结构图 Structural diagram



1	泵壳 pump case
2	叶轮 impeller
3	泵盖 pump cover
4	支架 support
5	轴承箱 bearing housing
6	机械密封 mechanical seal
7	泵轴 pump spindle
8	联轴器 clutch
9	底座 lampstand



1	泵壳 pump case
2	叶轮 impeller
3	泵盖 pump cover
4	支架 support
5	轴承箱 bearing housing
6	叶轮螺母 impeller nut
7	机械密封 mechanical seal
8	泵轴 pump spindle
9	联轴器 clutch
10	底座 lampstand

## 5、型号意义 Model designation

**IH F 65-50-125**

IH.....标准化工泵系列代号 Standardized Code for Pump Series  
 F.....过流部件材质为氟塑料 The material of the flow-through component is fluoroplastic  
 65.....进口口径(mm) Import diameter (mm)  
 50.....出口口径(mm) Export diameter (mm)  
 125.....叶轮名义直径(mm) Nominal diameter of impeller (mm)

## 6、性能参数 Performance parameter

NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power
序号	型号	流量 m <sup>3</sup> /h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW
1	IHF25-20-125	* 1.8	20	14	2	25×20	2900	1.1
2	IHF25-20-160	* 1.8	32	12	2	25×20	2900	1.5
3	IHF32-25-125	2	22	20	2.5	32×25	2900	1.5
		* 3.6	20	30				
		4.5	20	36				
4	IHF32-25-160	2	33	15	2.5	32×25	2900	2.2
		* 3.6	32	23				
		4.5	32	27				
5	IHF40-25-125	5	22	32	2.8	40×25	2900	1.5
		* 6.3	20	38				
		8	19	43				
6	IHF40-25-160	5	33	24	2.8	40×25	2900	3
		* 6.3	32	28				
		8.5	32	35				
7	IHF40-25-200	5	54	24	2.8	40×25	2900	5.5
		* 6.3	50	28				
		8.5	50	36				
8	IHF40-32-250	5	81	17	2.8	40×32	2900	11
		* 6.3	80	22				
		8.5	78	25				
9	IHF50-32-125	9	23	46	3	50×32	2900	2.2
		* 12.5	20	50				
		16	20	58				
10	IHF50-32-160	9	33	38	3	50×32	2900	4
		* 12.5	32	44				
		16	31	50				
11	IHF50-32-200	9	55	33	3	50×32	2900	5.5
		* 12.5	50	37				
		16	50	42				
12	IHF50-32-250	9	82	26	3	50×32	2900	11
		* 12.5	80	33				
		16	80	39				
13	IHF65-50-125	17	23	47	3.5	65×50	2900	3
		* 25	20	54				
		30	20	59				
14	IHF65-50-160	17	33	48	3.5	65×50	2900	5.5
		* 25	32	62				
		30	31	64				
15	IHF65-40-200	17	51	43	3.5	65×40	2900	11
		* 25	50	52				
		30	49	57				
16	IHF65-40-250	17	82	37	3.5	65×40	2900	18.5
		* 25	80	49				
		30	78	54				

NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power
序号	型号	流量 m <sup>3</sup> /h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW
17	IHF80-65-125	35	23	58	4.0	80×65	2900	5.5
		* 50	20	66				
		60	18	68				
18	IHF80-65-160	35	33	57	4.0	80×65	2900	11
		* 50	32	62				
		60	28	62				
19	IHF80-50-200	35	55	56	4.0	80×50	2900	15
		* 50	50	65				
		60	50	68				
20	IHF80-50-250	35	85	42	4.0	80×50	2900	30
		* 50	80	52				
		60	80	57				
21	IHF100-80-125	70	21	63	4.8	100×80	2900	11
		* 100	20	71				
22	IHF100-80-160	70	38	64	4.8	100×80	2900	18.5
		* 100	32	69				18.5
		120	30	60				
23	IHF100-65-200	70	50	56	4.8	100×65	2900	30
		* 100	50	64				
		110	46	65				
24	IHF100-65-250	70	85	50	4.8	100×65	2900	45
		* 100	80	60				
		120	80	64				
25	IHF125-100-160	130	35	69	5.0	125×100	2900	30
		* 160	32	73				
		175	32	73				
26	IHF125-100-200	130	55	54	6	125×100	2900	55
		* 200	50	56				
27	IHF125-100-250	130	87	57	6	125×100	2900	75
		* 200	80	65				
		210	80	64				



NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power
序号	型号	流量 m <sup>3</sup> /h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW
1	IHF32-25-125	* 1.8	5	17	2	32×25	1450	0.55
2	IHF32-25-160	* 1.8	8	12	2	32×25	1450	0.55
3	IHF40-25-125	* 3	5	29	2	40×25	1450	0.55
4	IHF40-25-160	* 3	8	22	2	40×25	1450	0.55
5	IHF40-25-200	* 3	12.5	21	2	40×25	1450	1.1
6	IHF40-32-250	* 3	20	17	2	40×32	1450	1.5
7	IHF50-32-125	* 6.3	5	38	3	50×32	1450	0.55
8	IHF50-32-160	* 6.3	8	35	3	50×32	1450	0.75
9	IHF50-32-200	* 6.3	12.5	29	3	50×32	1450	1.1
10	IHF50-32-250	* 6.3	20	27	3	50×32	1450	2.2
11	IHF65-50-125	* 12.5	5	42	3	65×50	1450	0.75
12	IHF65-50-160	* 12.5	8	48	3	65×50	1450	1.1
13	IHF65-40-200	* 12.5	12.5	37	3	65×40	1450	1.5
14	IHF65-40-250	* 12.5	20	38	3	65×40	1450	2.2
15	IHF80-65-125	* 25	5	51	3	80×65	1450	1.1
16	IHF80-65-160	* 25	8	48	3	80×65	1450	1.5
17	IHF80-50-200	* 25	12.5	50	3	80×50	1450	2.2
18	IHF80-50-250	* 25	20	40	3	80×50	1450	4
19	IHF100-80-125	* 50	5	55	3.5	100×80	1450	2.2
20	IHF100-80-160	* 50	8	50	3.5	100×80	1450	3
21	IHF100-65-200	* 50	12.5	50	3.5	100×65	1450	4
22	IHF100-65-250	* 50	20	46	3.5	100×65	1450	7.5
23	IHF125-100-160	* 80	8	56	3.5	125×100	1450	5.5
24	IHF125-100-200	* 100	12.5	45	3.5	125×100	1450	11
25	IHF125-100-250	* 100	20	55	3.5	125×100	1450	15
26	IHF150-125-250	130	23	50	3.5	150×125	1450	18.5
		* 200	20	58				22
		220	19	62				
27	IHF150-125-315	160	35	65	3.5	150×125	1450	37
		* 200	32	65				45
		250	27	68				
28	IHF150-125-400	160	52	52	3.5	150×125	1450	55
		* 200	50	58				75
		220	46	58				
29	IHF200-150-250	260	24	60	3.5	200×150	1450	45
		* 400	20	64				
		410	20	64				
30	IHF200-150-315	250	34	65	3.5	200×150	1450	75
		* 400	32	72				
		450	28	75				
31	IHF200-150-400	250	54	60	3.5	200×150	1450	90
		* 400	50	70				110
		450	45	75				
32	IHF250-200-250	500	23	66	4.0	250×200	1450	75
		* 700	20	71				
		750	20	75				
33	IHF250-200-315	500	38	63	4.0	250×200	1450	110
		* 700	32	73				
		780	32	76				

## 二、IHF-D 氟塑料离心泵 IHF-D Fluoroplastic Centrifugal Pump

### 1、用途 Application

广泛适用于汽车制造中的酸洗、喷漆工艺;有色金属冶炼中的电解液输送;离子膜烧碱项目中的氯水、废水处理和加酸等工艺流程。是 IHF 的衍生产品,保留 HF 性能的同时,减少了 30%的场地占用。

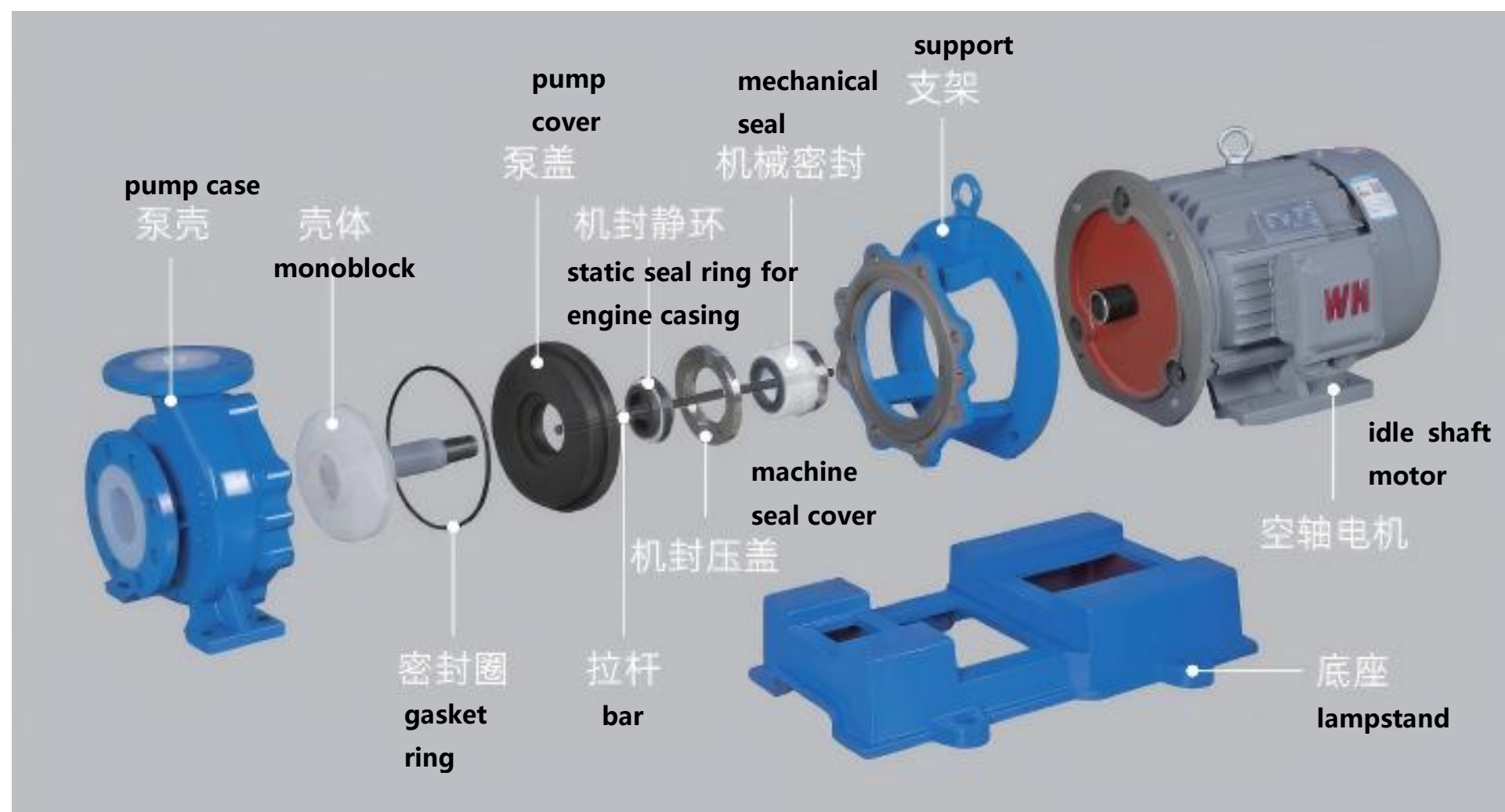
Widely applicable in pickling and painting processes for automobile manufacturing; electrolyte transportation in non-ferrous metal smelting; as well as chlorine water treatment, wastewater treatment, and acid addition processes in ion-exchange membrane caustic soda projects. As a derivative of IHF, it retains HF properties while reducing site footprint by 30%.

### 2、设计特点 Design feature

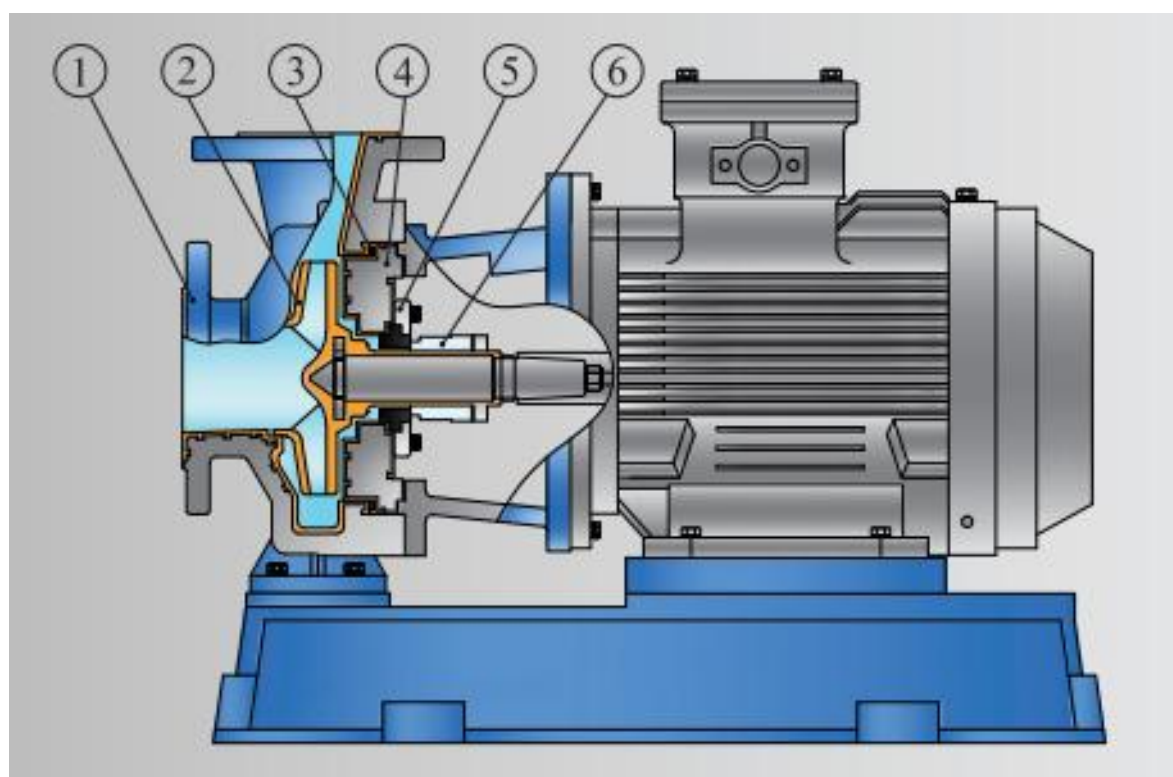
- 按国际标准设计,过流部件全部紧衬氟塑料,泵的承重部分为金属材料。
- Designed according to international standards, all flow-through components are lined with fluoroplastic, while the pump's load-bearing section is made of metal materials.
- 配置外装式波纹管机械密封,安装简单,维修方便。
- The external-mounted bellows mechanical seal is configured for easy installation and convenient maintenance.
- 相比 IHF 系列,叶轮轴与电机轴采用可靠的莫氏锥度传递扭矩,采用短支架直联结构,有更小的占地面积。
- Compared to the IHF series, the impeller shaft and motor shaft utilize a reliable Morse taper for torque transmission, featuring a short bracket direct coupling structure that results in reduced footprint space.



### 3、零件图 Part drawing



### 4、结构图 Structural diagram



1	泵壳 pump case
2	叶轮 impeller
3	密封圈 gasket ring
4	泵盖 pump cover
5	机封压盖 machine seal cover
6	机械密封 mechanical seal

## 5、型号意义 Model designation

### IH F 65-50-125(D)

IH.....标准化工泵系列代号 Standardized Code for Pump Series  
 F.....过流部件材质为氟塑料 The material of the flow-through component is fluoroplastic  
 65.....进口口径(mm) Import diameter (mm)  
 50.....出口口径(mm) Export diameter (mm)  
 125.....叶轮名义直径(mm) Nominal diameter of impeller (mm)  
 D.....短支架型 Short stent type

## 6、性能参数 Performance parameter

NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power	Weight
序号	型号	流量 m <sup>3</sup> /h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW	重量 Kg
1	IHF50-32-125(D)	7	22	50	3	50×32	2900	3	85
		* 12.5	20	52					
		15	16	60					
2	IHF50-32-160(D)	7	33	35	3	50×32	2900	4	95
		* 12.5	32	47					
		15	30	52					
3	IHF50-32-200(D)	7	51	28	3	50×32	2900	7.5	135
		* 12.5	50	40					
		15	49	48					
4	IHF65-50-125(D)	15	22	46	3.5	65×50	2900	3	90
		* 25	20	61					
		35	16	67					
5	IHF65-50-160(D)	15	33	51	3.5	65×50	2900	5.5	125
		* 25	32	62					
		35	30	65					
6	IHF80-65-125(D)	35	22	54	4	80×65	2900	5.5	125
		* 50	20	68					
		60	18	70					
7	IHF80-65-160(D)	35	33	52	4	80×65	2900	7.5	125
		* 50	32	65					
		60	30	70					

## 三、FSB 氟合金离心泵 FSB Fluorine Alloy Centrifugal Pump

### 1、用途 Application

氯碱、氯苯、化成箔、酸洗、农药、医药、等行业强腐蚀性介质的输送。适用于现场空气中含有腐蚀性气体的工况。

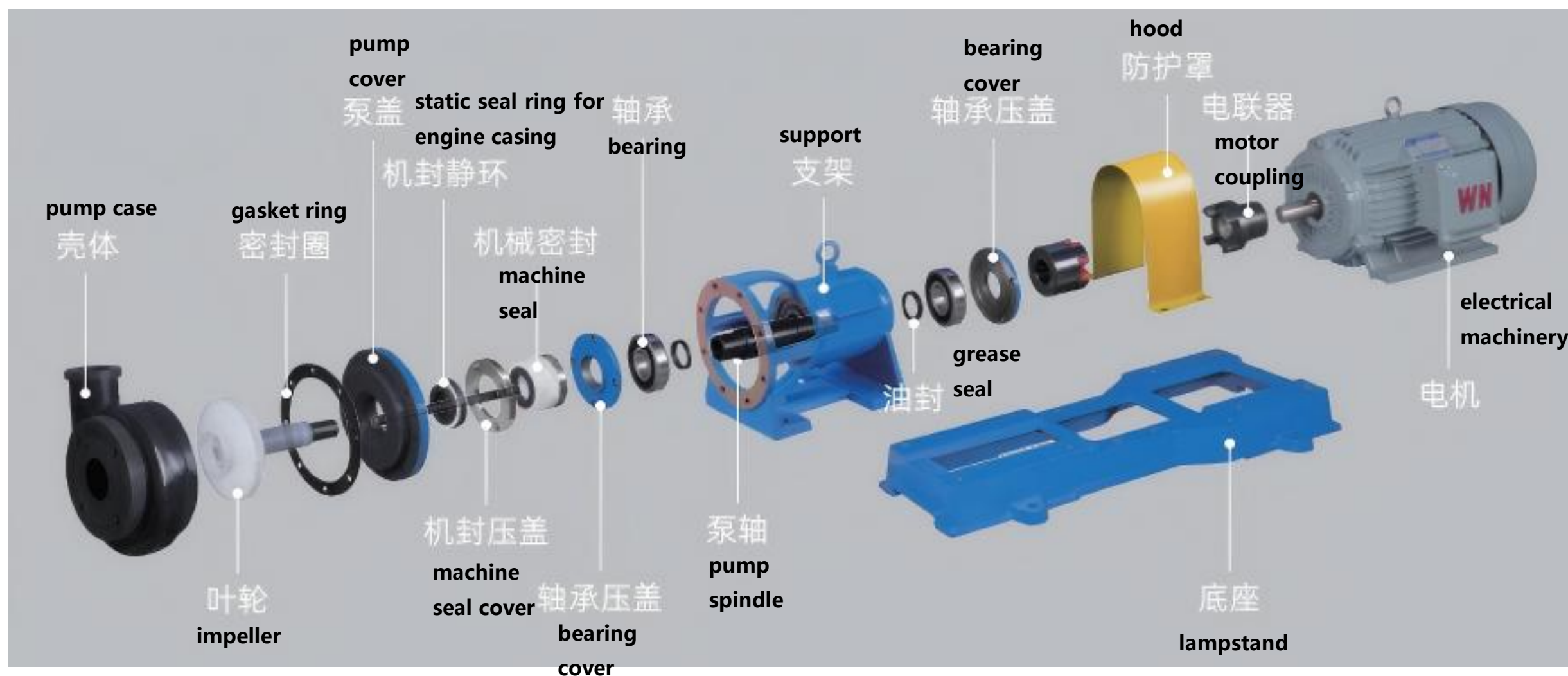
Transportation of highly corrosive media in industries such as chlor-alkali chlorobenzene, foil formation, pickling, pesticides, and pharmaceuticals. Suitable for operating conditions where the ambient air contains corrosive gases.



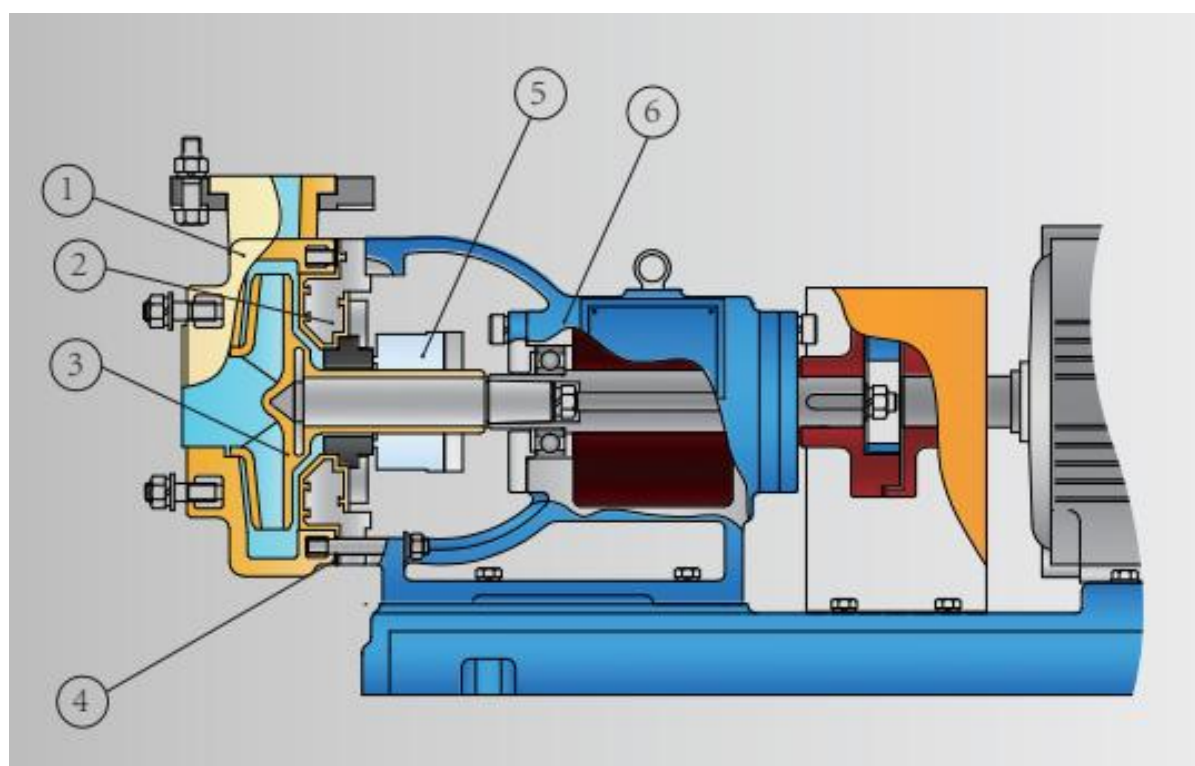
### 2、设计特点 Design feature

- FSB 和 FSB(D)型离心泵，过流部件全部采用氟塑料合金制造，集氟塑料之优点，具有耐腐蚀性能的同时，一定程度上面更加耐磨。
- The FSB and FSB(D) centrifugal pumps feature all flow components made of fluoroplastic alloy, combining the advantages of fluoroplastics with corrosion resistance and enhanced wear resistance to some extent.
- 全塑的泵体，塑料内部设计了钢骨架，内外防腐。
- The pump body is made of fully plastic, with a steel skeleton designed inside the plastic structure, and both the inner and outer surfaces are corrosion-resistant.
- 悬臂式结构，不能承受管路的重力；但是相对于 IHF 系列，它更加的轻便，维修起来更加省力。适用于有酸雾的场合。
- The cantilever structure cannot support the weight of pipelines; however, compared to the IHF series, it is more lightweight and easier to maintain. It is suitable for environments with acid mist.

### 3、零件图 Part drawing



### 4、结构图 Structural diagram



1	泵壳 pump case
2	泵盖 pump cover
3	叶轮 impeller
4	密封圈 gasket ring
5	机械密封 mechanical seal
6	支架 support

## 5、型号意义 Model designation

**50 FS B-30 L**

50.....进口口径(mm) Import diameter (mm)  
 FS.....过流部件材质为氟塑料合金 The material of the flow passage component is fluoroplastic alloy  
 B.....单级单吸悬臂式离心泵 Single-stage single-suction cantilever centrifugal pump  
 30.....扬程(m) Head (m)  
 L.....长支架型 Long support type

## 6、性能参数 Performance parameter

NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power	Weight
序号	型号	流量 m <sup>3</sup> /h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW	重量 Kg
1	25FSB-25L	* 3.6	25	30	3.0	25×25	2900	1.5	48
2	40FSB-15L	* 6.3	15	23	3.0	40×32	2900	3	75
3	40FSB-20L	* 6.3	20	28	3.0	40×32	2900	3	75
4	40FSB-30L	* 6.3	30	33	3.0	40×32	2900	3	75
5	50FSB-20L	* 12.5	20	38	3.2	50×32	2900	3	75
6	50FSB-25L	* 12.5	25	42	3.2	50×32	2900	3	75
7	50FSB-30L	* 12.5	30	48	3.2	50×32	2900	3	75
8	65FSB-32L	* 25	32	50	3.5	65×50	2900	5.5	125
9	80FSB-20L	* 50	20	54	4	80×65	2900	5.5	125
10	80FSB-25L	* 50	25	58	4	80×65	2900	7.5	130
11	80FSB-30L	* 50	30	64	4	80×65	2900	7.5	130

## 四、FSB-D 氟合金离心泵 FSB-D Fluorine Alloy Centrifugal Pump

### 1、用途 Application

氯碱、氯苯、化成箔、酸洗、农药、医药、等行业强腐蚀性介质的输送。相较于FSB占地面积小。

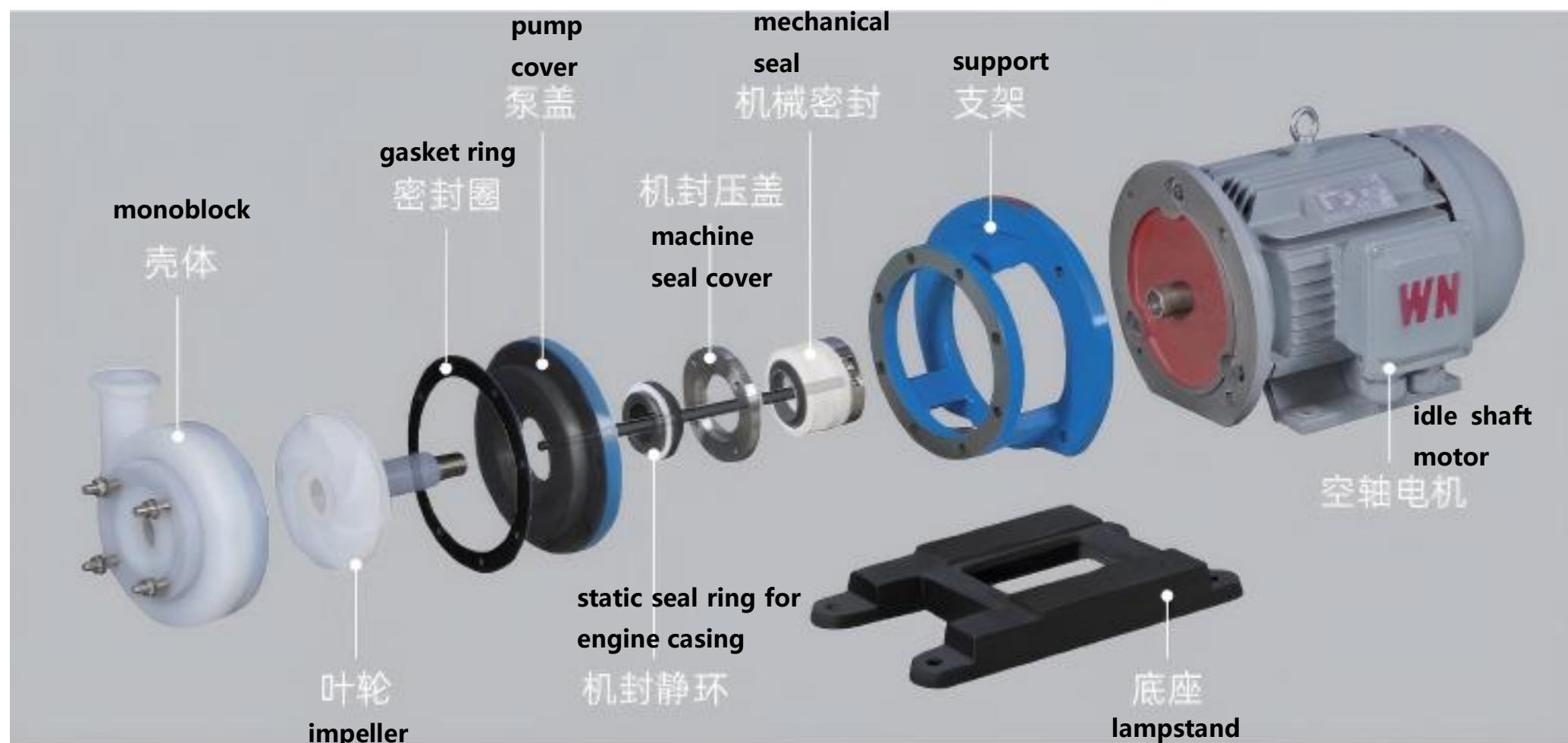
Transportation of highly corrosive media in industries such as chlor-alkali, chlorobenzene, foil formation, pickling, pesticides, and pharmaceuticals. Compared to FSB, it occupies less space.

### 2、设计特点 Design feature

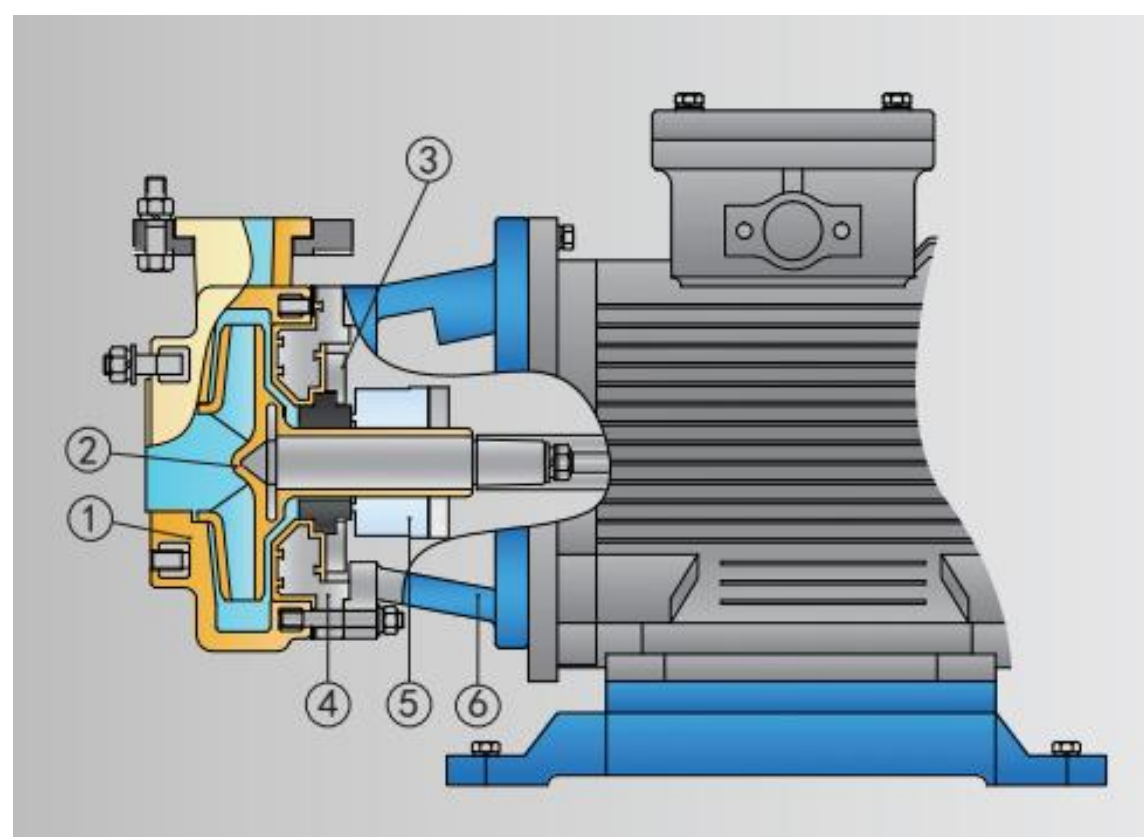
- FSB(D)型离心泵，过流部件全部采用氟塑料合金制造，集氟塑料之优点，具有耐腐蚀性能的同时，一定程度上更加耐磨。
- The FSB (D) type centrifugal pump features all flow components made of fluoroplastic alloy, combining the advantages of fluoroplastics with corrosion resistance and enhanced wear resistance to some extent.
- 短支架直联式结构紧凑、占地面积小，操作简单、振动小、噪音低、运行平稳、性价比高。
- The short bracket direct-connected structure features compact design, small footprint, simple operation, low vibration, low noise, stable performance, and high cost-effectiveness.
- 水喷射机组，有限的酸雾空间中使用较多。
- Water jet units are widely used in confined acid mist environments.



### 3、零件图 Part drawing



### 4、结构图 Structural diagram



1	泵壳 pump case
2	叶轮 impeller
3	机封压盖
4	泵盖 pump bonnet
5	机械密封 mechanical seal
6	支架 support

## 5、型号意义 Model designation

### 50 FS B-30(D)

50.....进口口径(mm) Import diameter (mm)  
 FS.....过流部件材质为氟塑料合金 The material of the flow passage component is fluoroplastic alloy  
 B.....单级单吸悬臂式离心泵 Single-stage single-suction cantilever centrifugal pump  
 30.....扬程(m) Head (m)  
 D.....短支架型 Short stent type

## 6、性能参数 Performance parameter

NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power	Weight
序号	型号	流量 m <sup>3</sup> /h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW	重量 Kg
1	25FSB-25D	* 3.6	25	30	3.0	25×25	2900	2.2	48
2	40FSB-15D	* 6.3	15	24	3.0	40×32	2900	3	75
3	40FSB-20D	* 6.3	20	30	3.0	40×32	2900	3	75
4	40FSB-30D	* 6.3	30	36	3.0	40×32	2900	3	75
5	50FSB-20D	* 12.5	20	42	3.2	50×32	2900	3	75
6	50FSB-25D	* 12.5	25	46	3.2	50×32	2900	3	75
7	50FSB-30D	* 12.5	30	52	3.2	50×32	2900	3	75
8	65FSB-32D	* 25	32	54	3.5	65×50	2900	5.5	125
9	80FSB-20D	* 50	20	56	4	80×65	2900	5.5	125
10	80FSB-25D	* 50	25	60	4	80×65	2900	7.5	130
11	80FSB-30D	* 50	30	65	4	80×65	2900	7.5	130

## 五、UHB-ZK 衬塑砂浆泵 UHB-ZK Plastic-coated Mortar Pump

### 1、用途 Application

磷酸料浆、含硅胶的氟硅酸、母液等;锌铅、金、银、铜锰钴稀土等湿法冶炼的各种酸液、腐蚀性矿浆料浆电解液;酸洗系统、带杂质的污水等行业,既适用于清液也适用料浆。

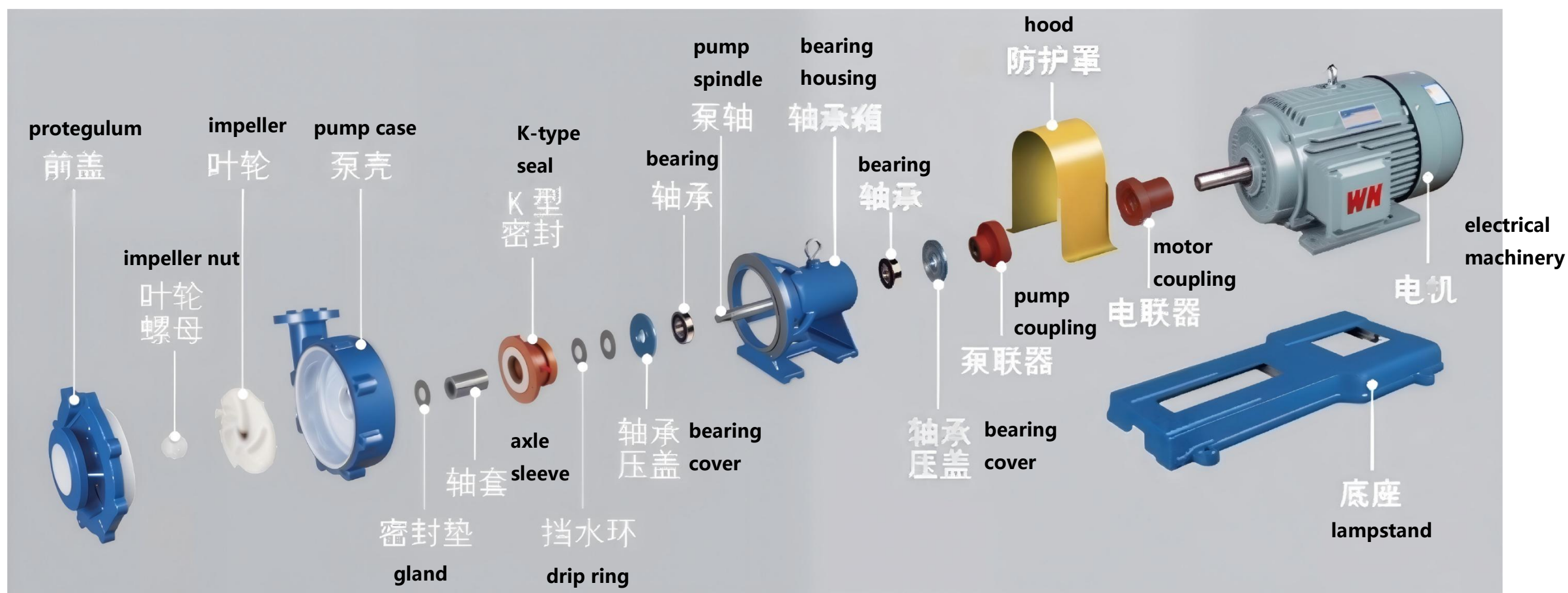
Phosphate slurries, fluosilicic acid containing silica gel, mother liquor, etc.; various acidic solutions from hydrometallurgical processes such as zinc-lead, gold, silver, copper-manganese-cobalt rare earth smelting, corrosive mineral slurries and electrolyte solutions; pickling systems, wastewater containing impurities, and related industries – applicable to both clear liquids and slurries.



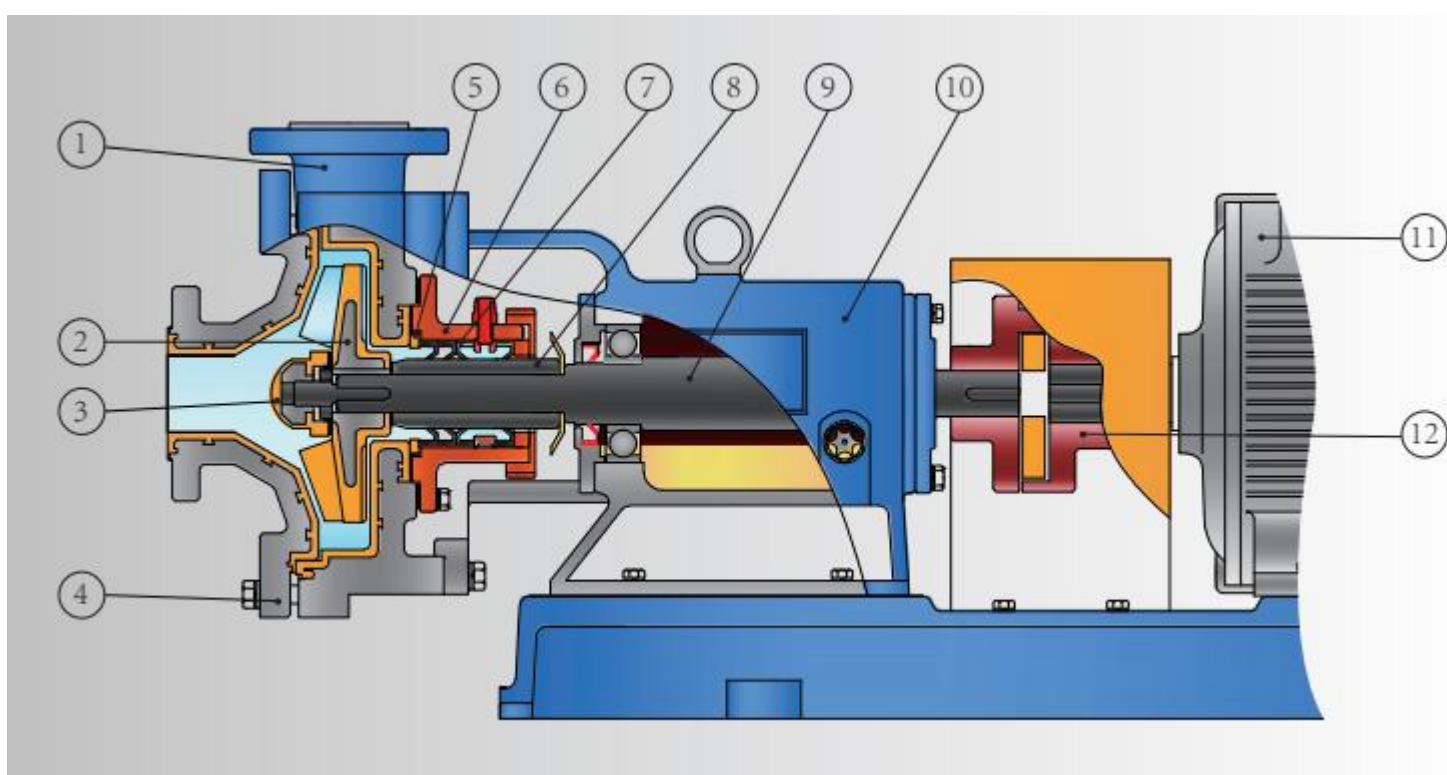
### 2、设计特点 Design feature

- 半开式叶轮、单级单吸悬臂式离心泵,过流部件全部采用超高分子量聚乙烯紧衬制造,具有耐腐蚀性、耐磨性、抗蠕变性(耐环境应力开裂)。衬层不小于8mm。
- The semi-open impeller and single-stage single-suction cantilever centrifugal pump feature all flow components manufactured with ultra-high molecular weight polyethylene (UHMWPE) tight lining, exhibiting corrosion resistance, wear resistance, and creep resistance (resistance to environmental stress cracking). The lining thickness is no less than 8 mm.
- 泵的承重部分为金属材料,即可配置氟橡胶负压密封圈,外加冷却水装置,也可配置机械密封。
- The load-bearing part of the pump is made of metal material, which can be equipped with fluororubber negative pressure seals, supplemented by cooling water systems, or alternatively configured with mechanical seals.

### 3、零件图 Part drawing



### 4、结构图 Structural diagram



1	泵壳 pump case	7	轴封 shaft seal
2	叶轮 impeller	8	轴套 axle sleeve
3	叶轮螺母 impeller nut	9	泵轴 pump spindle
4	泵盖 pump bonnet	10	支架 support
5	垫片 pad	11	电机 electrical machinery
6	机械密封 mechanical seal	12	底座 lampstand

## 5、型号意义 Model designation

**UHB-Z K J 50/20-30**

UHB.....高分子材料泵 Polymer material pump  
 Z.....杂质砂浆 Impure mortar  
 K.....K型密封 K-type seal  
 J.....集装式机封 Containerized machine seal  
 50.....进口口径(mm) Import diameter (mm)  
 20.....流量(m<sup>3</sup>/h) Flow(m<sup>3</sup>/h)  
 30.....扬程(m) Head(m)

## 6、性能参数 Performance parameter

NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power	Weight
序号	型号	流量 m <sup>3</sup> /h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW	重量 Kg
1	UHB-ZK40/10-20	5	22	18	3	40×32	2900	3	100
		* 10	20	28					
		12	18	30					
2	UHB-ZK40/10-30	5	32	18	3	40×32	2900	4	105
		* 10	30	36					
		12	27	30					
3	UHB-ZK50/20-20	12	22	30	3	50×40	2900	4	130
		* 20	20	37					
		25	17	40					
4	UHB-ZK50/20-30	12	32	30	3	50×40	2900	5.5	150
		* 20	30	36.5					
		25	28	40					
5	UHB-ZK65/30-20	20	13	34	3.5	65×50	2900	5.5	150
		* 30	20	36					
		35	18	40					
6	UHB-ZK65/30-30	20	32	34	3.5	65×50	2900	7.5	150
		* 30	30	37					
		35	18	40					
7	UHB-ZK65/30-50	20	52	30	3.5	65×50	2900	15	280
		* 30	50	35.5					
		35	47	38					
8	UHB-ZK80/45-35	30	37	33	3.5	80×65	2900	15	260
		* 45	35	40					
		55	30	36					
9	UHB-ZK80/50-20	35	22	32	4	80×65	2900	11	262
		* 50	20	39					
		60	17	30					
10	UHB-ZK80/50-30	35	32	33	3.5	80×65	2900	15	260
		* 50	30	40					
		60	25	36					
11	UHB-ZK80/50-50	35	52	33	4	80×65	2900	18.5	280
		* 50	50	41					
		55	45	38					
12	UHB-ZK100/60-35	50	37	38	4	100×80	2900	18.5	345
		* 60	35	40					
		80	30	42					
13	UHB-ZK100/60-50	50	52	37	4	100×80	2900	22	380
		* 60	50	40					
		70	45	42					

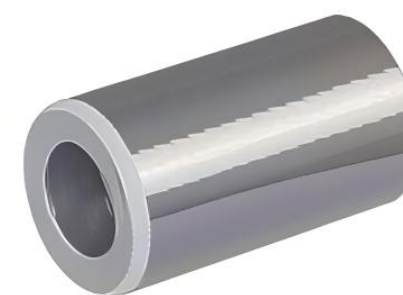
NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power	Weight
序号	型号	流量 m³/h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW	重量 Kg
14	UHB-ZK100/100-40	70	45	41	4	100×80	2900	30	440
		* 100	40	40					
		110	35	33					
15	UHB-ZK125/140-28	70	32	35	5	125×100	2900	30	400
		* 140	28	46					
		150	22	35					
16	UHB-ZK150/250-30	120	34	45	4	150×125	2900	45	840
		* 250	30	55					
		300	26	50					
17	UHB-ZK200/400-25	240	28	55	5.5	200×150	1450	75	1180
		* 400	25	64					
		500	20	60					
18	UHB-ZK200/400-32	240	39	55	5.5	200×150	1450	75	1180
		* 400	32	62					
		500	26	60					
19	UHB-ZK250/600-32	360	35	68	6	250×200	1450	110	
		* 600	32	73					
		720	28	71					
20	UHB-ZK250/600-50	360	53	69	6	250×200	1450	132	
		* 600	50	70					
		720	46	68					
21	UHB-ZK250/800-32	480	35	70	7.4	250×200	1450	132	
		* 800	32	73					
		960	28	70					
22	UHB-ZK250/800-50	480	53	72	7.6	250×200	1450	200	
		* 800	50	72					
		960	46	70					
23	UHB-ZK300/1000-32	680	35	68	8.5	300×250	1450	160	
		* 1000	32	69					
		1200	28	70					
24	UHB-ZK300/1000-50	620	53	67	8.5	300×250	1450	250	
		* 1000	50	71					
		1200	46	67					
25	UHB-ZK300/1200-32	760	35	70	9.5	300×250	1450	200	
		* 1200	32	72					
		1440	28	69					
26	UHB-ZK300/1200-50	760	53	70	9.6	300×250	1450	315	
		* 1200	50	68					
		1440	46	71					
27	UHB-ZK350/1400-32	920	35	69	6.1	350×300	1450	250	
		* 1400	32	68					
		1680	27	70					
28	UHB-ZK350/1400-50	920	53	70	6.1	350×300	1450	355	
		* 1400	50	72					
		1680	45	68					
29	UHB-ZK350/1600-32	1100	35	67	6.7	350×300	1450	250	
		* 1600	32	71					
		1920	27	72					
30	UHB-ZK350/1600-50	1100	53	70	6.7	350×300	1450	400	
		* 1600	50	72					
		1920	45	71					



K型密封  
K-type seal



叶轮 impeller



轴套  
axle sleeve

## 六、MIP(全新升级型)衬塑料浆泵 MIP (Newly Upgraded) Lining Plastic Slurry Pump

### 1、用途 Application

相较于 UHB-ZK 系列，有更多的机封冲洗方案供选择，能输送更高含固量的料浆。特别适合输送酸、碱性清液或料浆冶炼行业各种腐蚀性矿浆。各种有机酸。

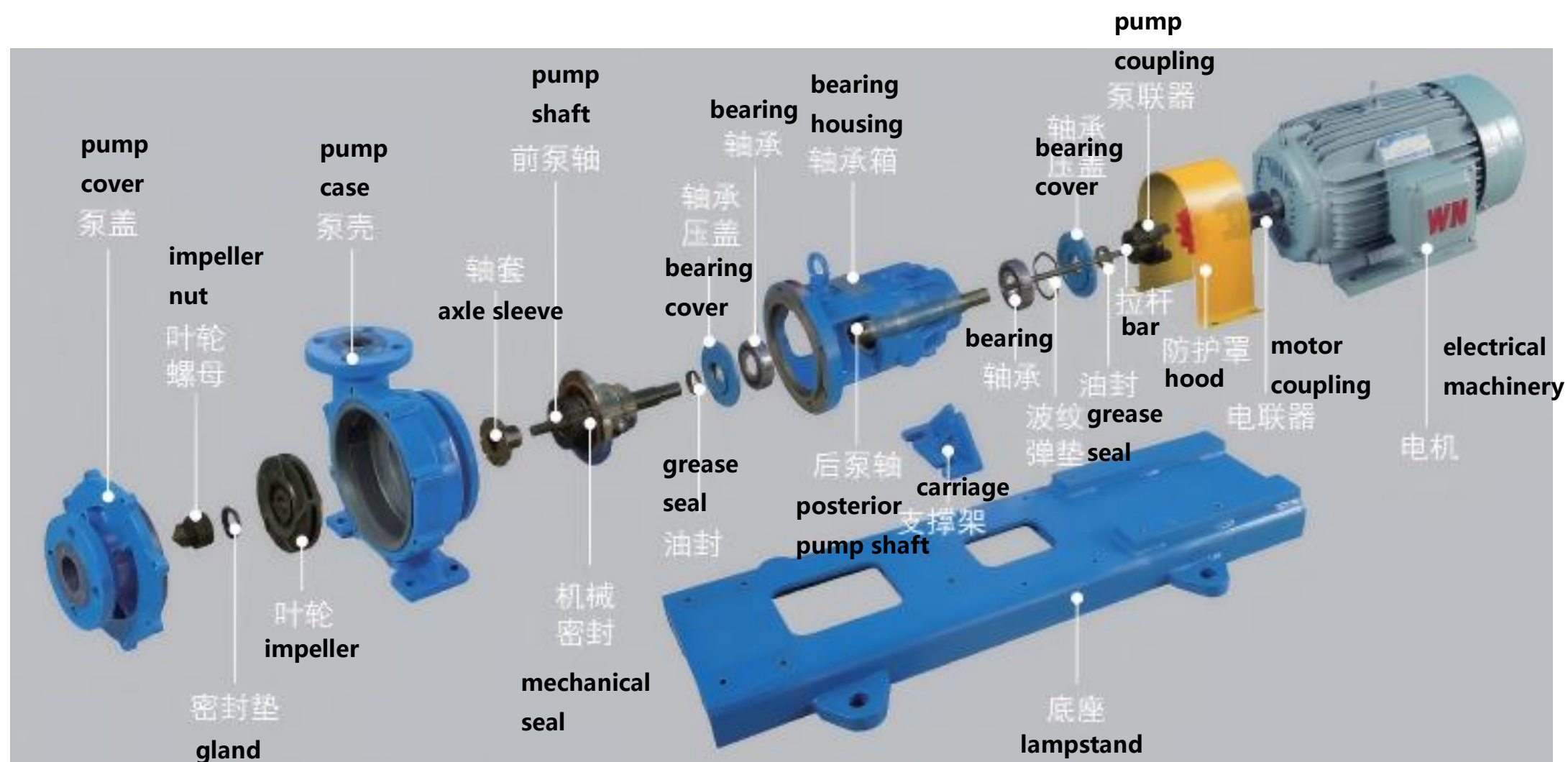
Compared to the UHB-ZK series, it offers a wider range of machine seal flushing solutions and can convey slurries with higher solid content. It is particularly suitable for transporting acidic or alkaline clear liquids or various corrosive mineral slurries in smelting industries, as well as various organic acids.



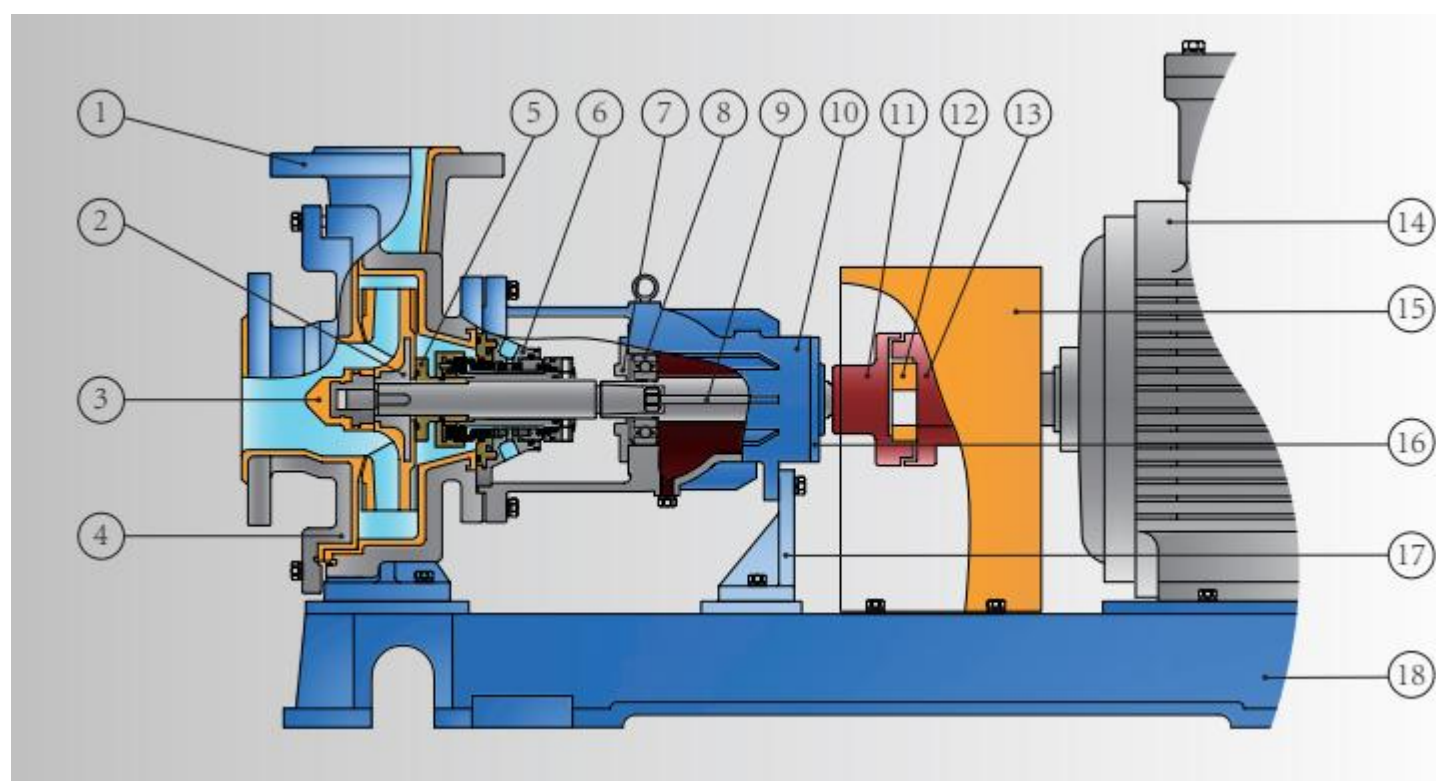
### 2、设计特点 Design feature

- 采用渣浆泵叶轮设计，流道开式，后盖板带扰流叶片，可防止后腔堵塞并提高一定扬程，壳体侧出口有利于颗粒物甩出。
- The impeller design utilizes a slurry pump configuration with open flow channels and a rear cover plate equipped with baffles to prevent rear chamber blockage and enhance specific head. The side outlet of the housing facilitates particle discharge.
- 采用内装式集装箱型 PEEK 机械密封，可以有效耐受 40%-50%的悬浊液和 10%颗粒物，过压滤机首选。
- The integrated containerized PEEK mechanical seal effectively withstands 40%-50% suspension and 10% particulate matter, making it the preferred choice for overpressure filters.

### 3、零件图 Part drawing



### 4、结构图 Structural diagram



1	泵壳 pump case	10	支架 support
2	叶轮 impeller	11	泵联轴器 pump coupling
3	叶轮螺母 impeller nut	12	弹性块 elastic block
4	泵盖 pump bonnet	13	电机联轴器 motor coupling
5	轴套 axle sleeve	14	电机 electrical machinery
6	机械密封 mechanical seal	15	防护罩 hood
7	前轴承压盖 front bearing cover	16	后轴承压盖 rear bearing cover
8	轴承 bearing	17	支撑架 carriage
9	泵轴 pump spindle	18	底座 lampstand

## 5、型号意义 Model designation

**M I P 65-50-220**

M.....料浆、砂浆 Slurry mortar  
 I.....杂质颗粒物 Impure particulate matter  
 P.....泵 Pump  
 65.....进口口径(mm) Import diameter (mm)  
 50.....出口口径(mm) Export opening (mm)  
 220.....叶轮名义直径(mm) Nominal diameter of impeller (mm)

## 6、性能参数 Performance parameter



MZK 型机封  
 MZK type machine seal



NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power	Weight
序号	型号	流量 m <sup>3</sup> /h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW	重量 Kg
1	MIP50-40-130	9	26	42	3.2	50×40	2900	4	110
		* 15	25	44					
		18	25	46					
2	MIP50-40-165	9	39	43	3.2	50×40	2900	5.5	145
		* 15	38	45					
		18	38	47					
3	MIP50-40-220	9	65	40	3.2	50×40	2900	11	155
		* 15	65	42					
		18	65	44					
4	MIP65-50-130	18	25	41	3.5	65×50	2900	5.5	162
		* 25	25	43					
		30	24	45					
5	MIP65-50-165	18	39	45	3.5	65×50	2900	7.5	168
		* 25	38	47					
		30	36	48					
6	MIP65-50-220	20	66	48	3.5	65×50	2900	18.5	210
		* 30	65	50					
		35	63	52					
7	MIP80-65-130	35	26	63	4.0	80×65	2900	11	170
		* 50	25	65					
		60	25	66					
8	MIP80-65-165	35	39	70	4.0	80×65	2900	15	230
		* 50	38	70					
		60	36	70					
9	MIP80-65-220	35	66	60	4.0	80×65	2900	22	305
		* 50	65	66					
		60	63	67					
10	MIP100-80-165	70	34	58	4.5	100×80	2900	18.5	255
		* 100	32	65					
		110	30	67					
11	MIP100-80-220	100	65	60	4.5	100×80	2900	37	285
		* 150	60	58					
		200	65	60					
12	MIP125-100-220	220	63	62	4.8	125×100	2900	75	985

## 七、GDF 氟塑料管道泵 GDF Fluoroplastic Pipeline Pump

### 1、用途 Application

适合输送酸、碱、有机溶剂强氧化剂等强腐蚀性介质，适用于工业生产排输液体，高层槽罐增压输送介质，园林喷灌，远距离输送。

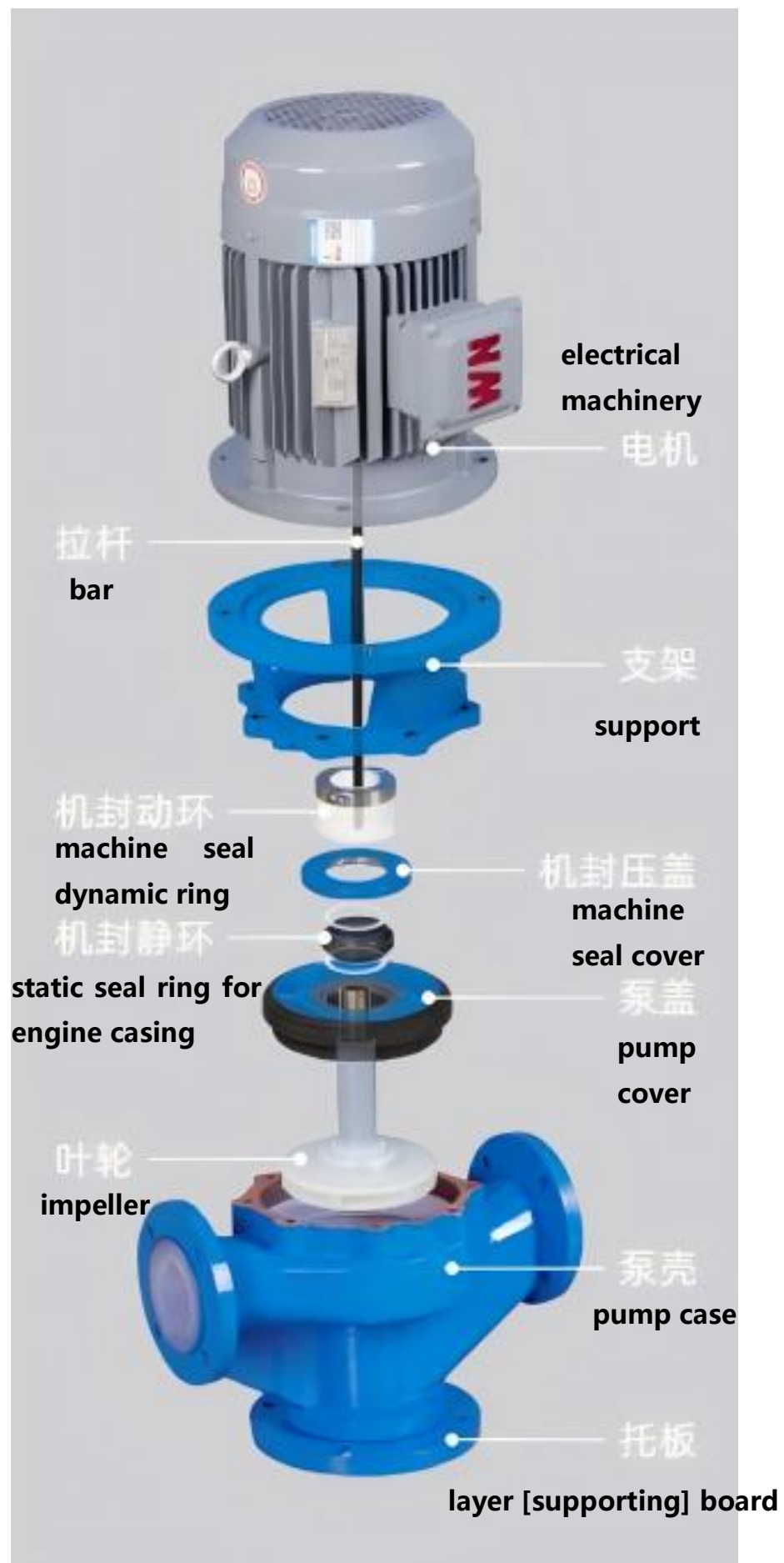
Ideal for conveying highly corrosive media such as acids, alkalis, organic solvents, and strong oxidizers. Suitable for industrial liquid discharge and transportation, pressurized medium transfer in high-rise tanks, landscape sprinkler irrigation, and long-distance conveyance.

### 2、设计特点 Design feature

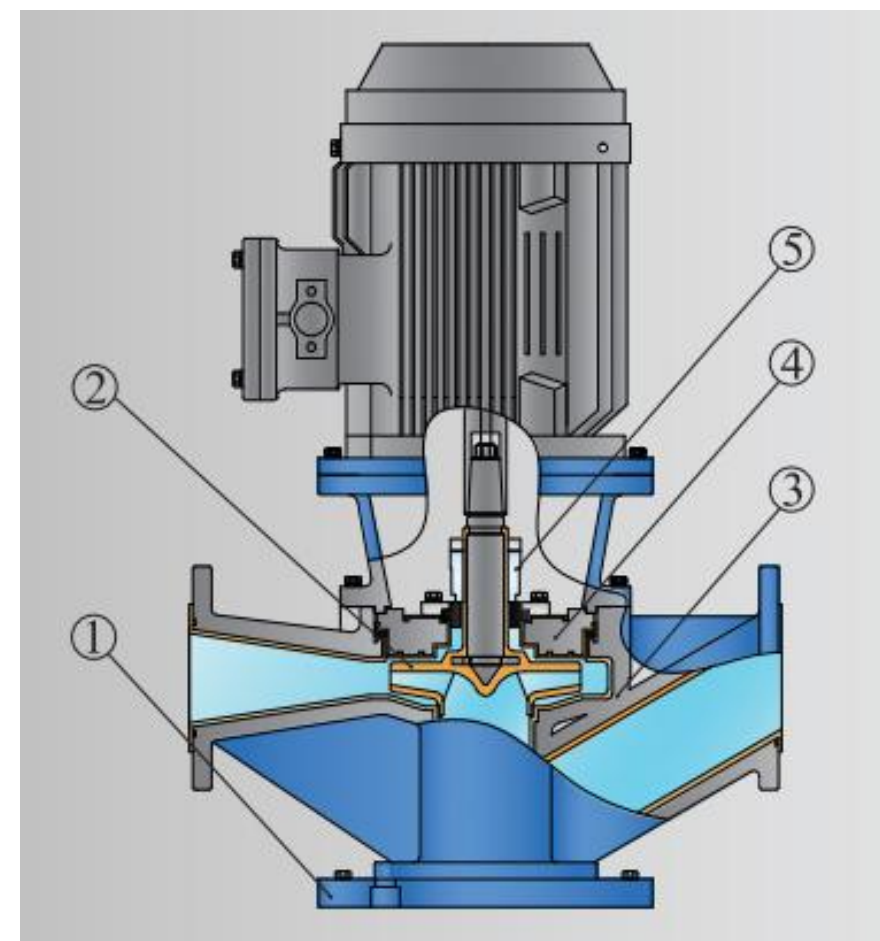
- 过流部件全部紧衬氟塑料，泵的承重部分为金属材料。立式设计占地面积小，进出口口径相同都在一条水平线上，可用于有限空间或者直线管路的增压。
- All flow-through components are lined with fluoroplastic, while the pump's load-bearing section is made of metal materials. The vertical design occupies minimal floor space, with both inlet and outlet diameters aligned on the same horizontal line, making it suitable for pressure boosting in confined spaces or straight pipelines.
- 叶轮直接与电机轴相连，有效的平衡泵运转产生的径向和轴向负荷。
- The impeller is directly connected to the motor shaft, effectively balancing the radial and axial loads generated during pump operation.
- 结构极简，便于后期维护检修更换配件，无需拆卸外管道。
- The structure is extremely simplified, facilitating subsequent maintenance, inspection, and replacement of components without the need to disassemble external pipelines.



### 3、零件图 Part drawing



### 4、结构图 Structural diagram



1	托板 layer [supporting] board
2	叶轮 impeller
3	泵壳 pump case
4	泵盖 pump cover
5	机械密封 mechanical seal

## 5、型号意义 Model designation

**50 GD F-30**

50.....进口口径 Import caliber(mm)  
 GD.....化工管道泵 Chemical pipeline pump  
 F.....过流部件材质为氟塑料 The material of the flow-through component is fluoroplastic.  
 30.....扬程 Head(m)

## 6、性能参数 Performance parameter

NO.	Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power	Weight
序号	型号	流量 m <sup>3</sup> /h	扬程 m	效率 %	汽蚀余量 m	进口·出口 mm	转速 r/min	电机功率 kW	重量 Kg
1	32GDF-20	* 3.6	20	33	3.0	32×32	2900	2.2	60
2	32GDF-32	* 3.6	32	25	3.0	32×32	2900	2.2	75
3	40GDF-20	* 6.3	20	42	3.0	40×40	2900	2.2	75
4	50GDF-20	* 12.5	20	55	3.0	50×50	2900	2.2	75
5	50GDF-32	* 12.5	32	48	3.0	50×50	2900	4	90
6	65GDF-20	* 25	20	58	3.5	65×65	2900	4	95
7	65GDF-32	* 25	32	56	3.5	65×65	2900	5.5	125
8	65GDF-50	* 25	50	45	3.5	65×65	2900	11	185
9	80GDF-20	* 50	20	60	4.0	80×80	2900	5.5	140
10	80GDF-32	* 50	32	59	4.0	80×80	2900	11	150
11	100GDF-20	* 100	20	64	4.5	100×100	2900	11	210
12	100GDF-32	* 100	32	60	4.5	100×100	2900	18.5	280
13	125GDF-32	* 180	32	61	5.0	125×125	2900	30	350

# 八、MAG 磁力驱动循环泵 MAG Magnetic Drive Circulating Pump

## 1、用途 Application

PCB 制程、化学工业、过滤循环、蚀刻、电镀、涂装、表面处理、污水处理等。

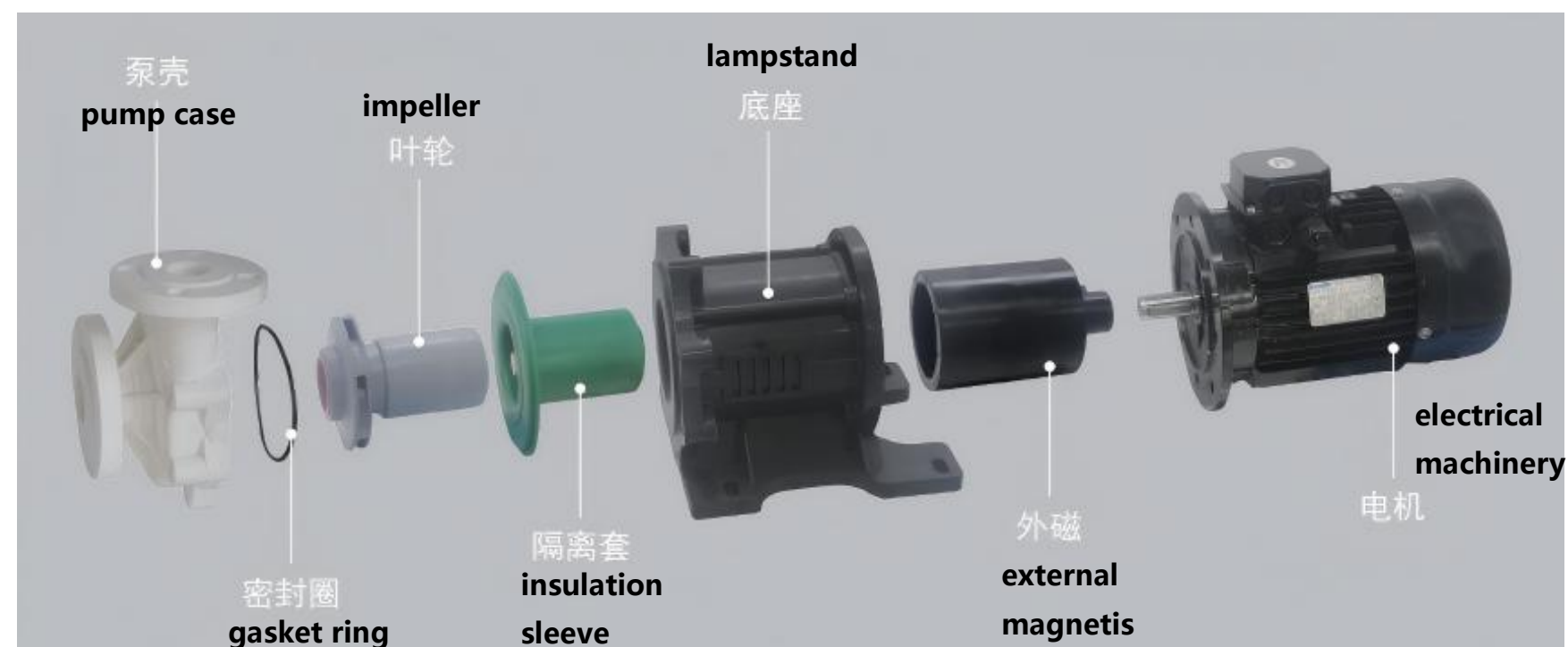
PCB manufacturing process, chemical industry, filtration and circulation, etching, electroplating, coating, surface treatment, wastewater treatment, etc.

## 2、设计特点 Design feature

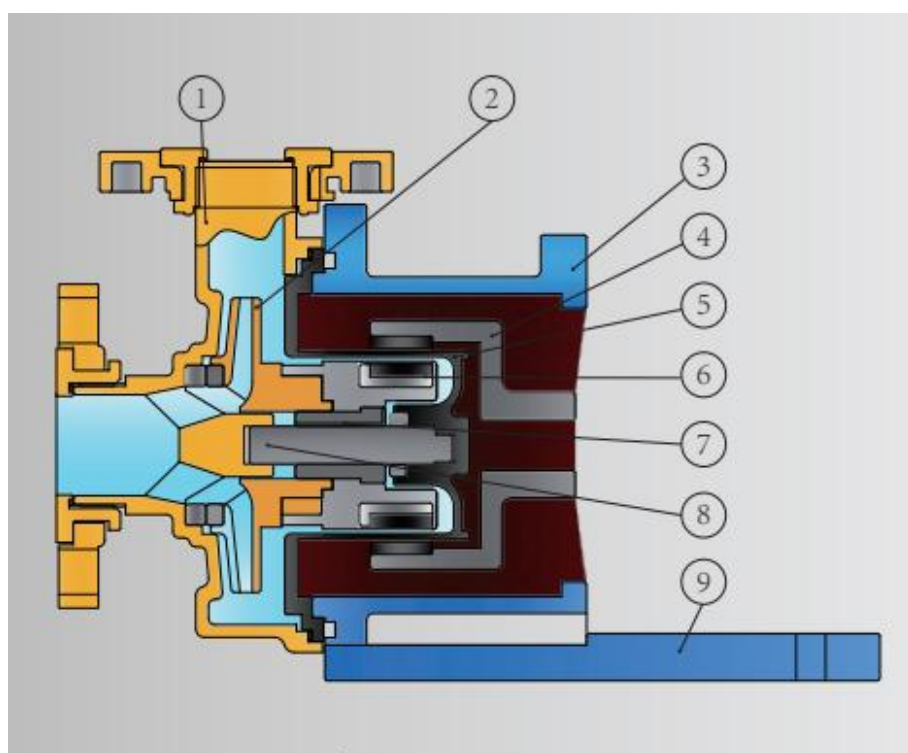
- MAG 磁力泵采用一体注塑成型，采用磁力驱动，无轴封设计，无泄漏，不会引起化学药业泄漏，造成环境污染。
- The MAG magnetic pump is manufactured through integral injection molding, utilizing magnetic drive technology with a shaftless design that prevents leakage. This eliminates the risk of chemical pharmaceutical spills and environmental contamination.
- 耐腐蚀耐磨，可耐 90°C 高温，性能稳定。
- Corrosion-resistant and wear-resistant, capable of withstanding temperatures up to 90°C, with stable performance.
- 适用于各种化学酸碱药业输送。
- Suitable for various chemical acid-base pharmaceutical transportation.



## 3、零件图 Part drawing



#### 4、结构图 Structural diagram



1	泵壳总成 pump housing assembly	6	分体转子 split rotor
2	叶轮 impeller	7	轴承 bearing
3	支架 support	8	主轴 principal axis
4	外磁 external magnetism	9	底座 lampstand
5	隔套总成 cuff assembly		

#### 5、型号意义 Model designation

**MAG-4 4 1**

MAG.....磁力驱动泵 Magnetic force driving pump  
 4.....进口口径(mm) Import diameter (mm)  
 4.....出口口径(mm) Export opening (mm)  
 1.....配套电机 1 马力 The motor has 1 horsepower

#### 6、性能参数 Performance parameter

NO.	Type	Flange size	Horsepower	Power	50Hz		60Hz	
					全扬程 m	全流量 L/min	全扬程 m	全流量 L/min
序号	型号	出入口径	马力	功率 kW	全扬程 m	全流量 L/min	全扬程 m	全流量 L/min
1	MAG-440	1.5"/1.5"	0.75	0.5	12.5	280	11.5	280
2	MAG-441	1.5"/1.5"	1	0.75	18	330	19	320
3	MAG-542	2"/1.5"	2	1.5	23	400	22	400
4	MAG-543	2"/2"	3	2.2	24	500	22.5	500
5	MAG-555	2"/2"	5	3.75	29	600	31	600

## 九、FYH 工程塑料液下泵 FYH Engineering Plastic Submerged Pump

### 1、用途 Application

本产品广泛用于输送酸碱、有机溶剂、等腐蚀性介质。使用温度:-20°C 至 85°C。

This product is widely used for transporting corrosive media such as acids, alkalis, and organic solvents. Operating temperature range: -20°C to 85°C.

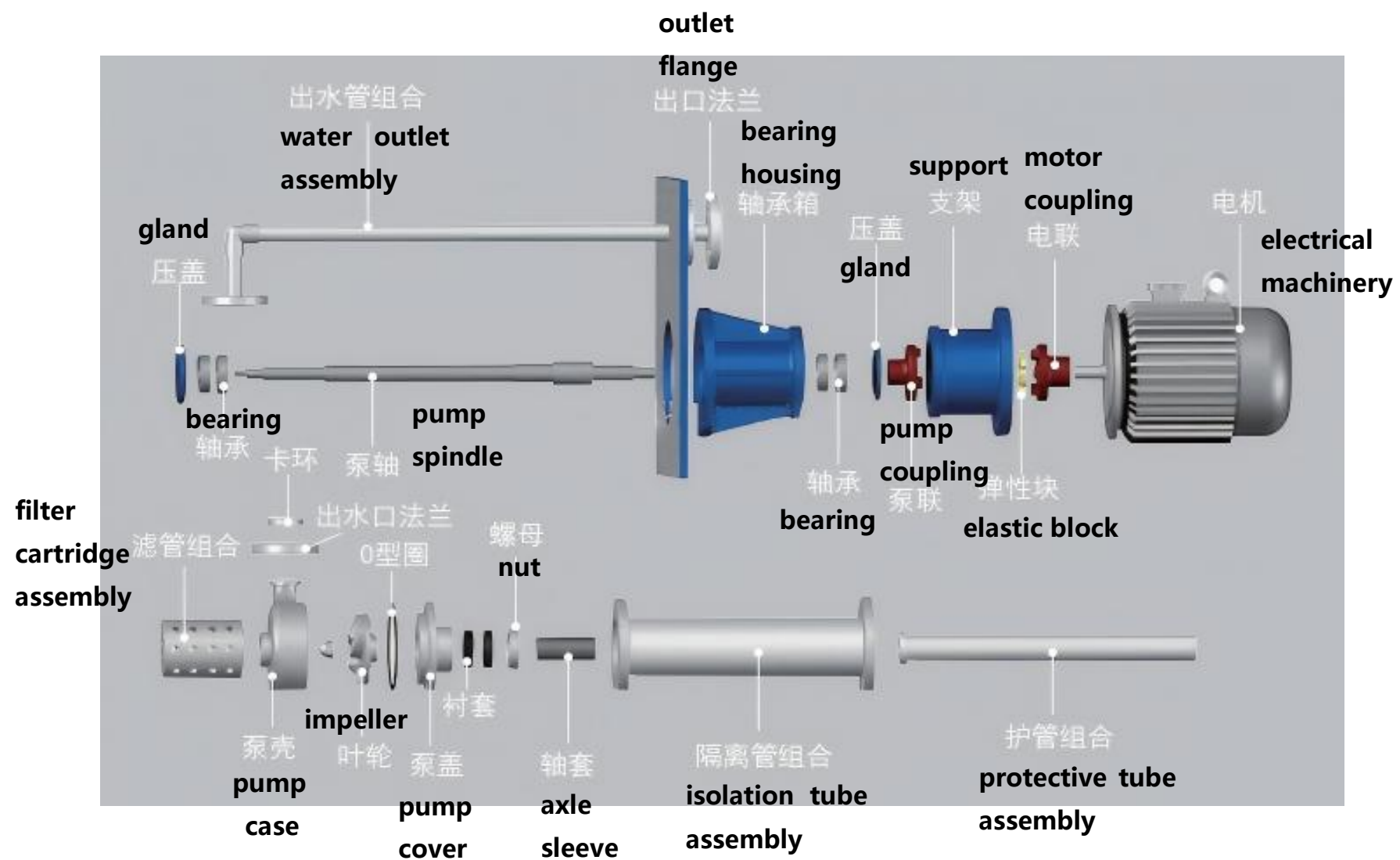
### 2、设计特点 Design feature

FYH 型塑料液下泵是长轴立式离心泵，其接触液体部分全部由塑料制成，具有耐腐蚀范围广、效率高、重量轻、不需灌液即能抽送、维修方便等特点。

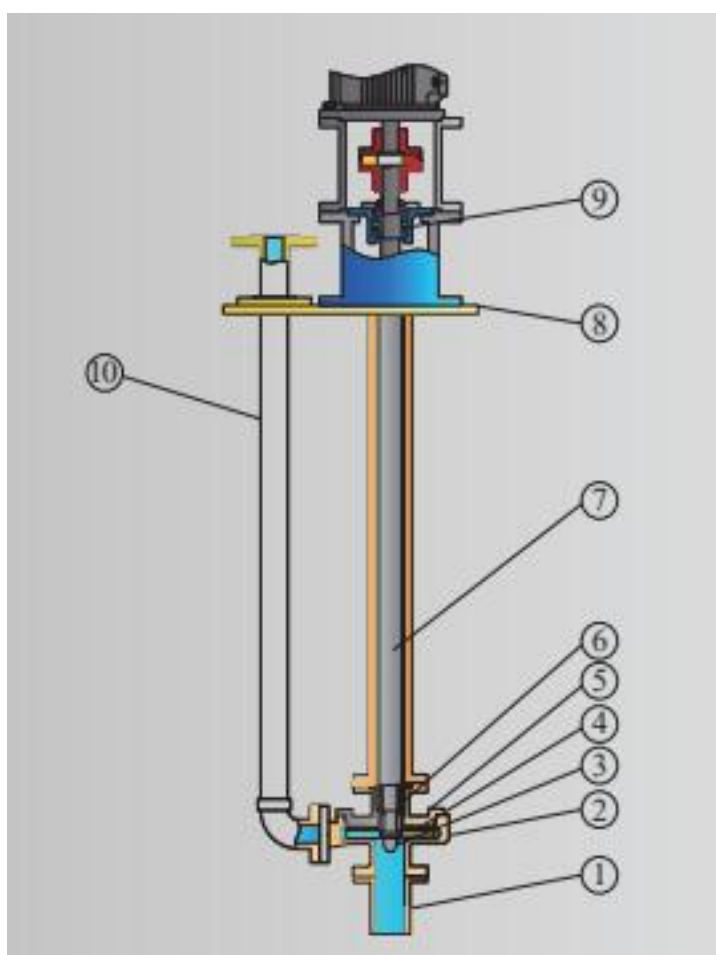
The FYH-type plastic submersible pump is a long-shaft vertical centrifugal pump with all liquid-contacting components fabricated from plastic. It features broad corrosion resistance, high efficiency, lightweight design, self-priming capability, and convenient maintenance.



### 3、零件图 Part drawing



### 4、结构图 Structural diagram



1	进口过滤器 imported filter	6	轴套 axle sleeve
2	泵壳 pump case	7	主轴 principal axis
3	叶轮螺母 impeller nut	8	液上安装盘 liquid installation plate
4	叶轮 impeller	9	轴承 bearing
5	泵盖 pump bonnet	10	出液管 drainpipe

## 5、型号意义 Model designation

**50 FYH 25**

50.....出口口径 Export caliber (mm)  
 FYH.....耐腐蚀液下泵 Corrosion-resistant submersible pump  
 32.....扬程 Head(m)

## 6、性能参数 Performance parameter

NO.	Type	Flow	Head	Aperture	Speed	Power	The depth
序号	型号	流量 m <sup>3</sup> /h	扬程 m	出口口径 mm	转速 r/min	电机功率 kW	深度 m
1	25FYH-15	* 3.6	15	25	2900	1.5	0.5-2.2
2	25FYH-25	* 3.6	25	25	2900	3	0.5-2.2
3	40FYH-20	* 10	20	32	2900	2.2	0.5-2.2
4	40FYH-30	* 10	25	32	2900	3	0.5-2.2
5	50FYH-20	* 15	20	32	2900	3	0.5-2.2
6	50FYH-30	* 15	30	32	2900	4	0.5-2.2
7	65FYH-25	* 30	25	50	2900	5.5	0.5-2.2
8	65FYH-32	* 30	32	50	2900	5.5	0.5-2.2
9	80FYH-25	* 50	25	65	2900	7.5	0.5-2.2
10	80FYH-30	* 50	30	65	2900	11	0.5-2.2
11	100FYH-30	* 100	30	80	2900	18.5	0.5-2.2