

FZB self-priming fluoroplastic centrifugal pump

FZB series fluoroplastic self-priming pumps are designed according to international standards, with metal casing lined with plastic, full fluoroplastic alloy flow parts, and metal inserts such as pump cover and impeller are wrapped with fluoroplastic.



Diameter: 25mm-100mm
Temperature: -20°C-150°C
Flow rate: 1.5m³/h-110m³/h
Lift: 15m-75m
Material: Lining F46, PFA

**Perfluoroplastic
Anti-corrosion
structure**

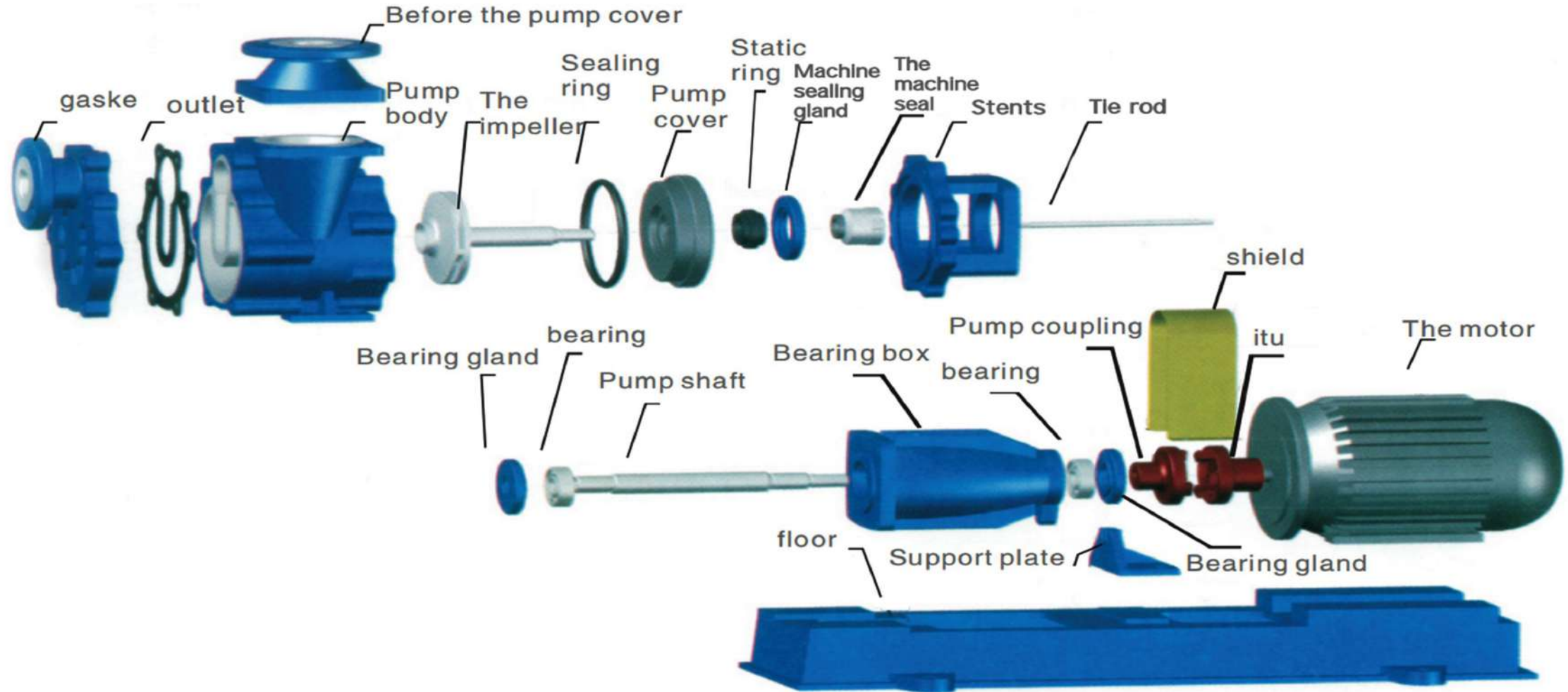
**Intelligent self-
priming system**

**Sealing
performance
Strict and reliable**

Application

Biomedicine, petrochemical, mining and metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials, and other industries.

Structure Analysis



NO.	Model No	Flow	Head	Power	Speed	self-priming	elf-priming	Efficiency	Shaft Power	NPSH	Diameter(mm)	
1	25FZB-20	1.5	19	2.2	2900	0.7	180	10	0.78	3	25	25
		3.6	18					20	0.88			
		6	16					25	1.05			
2	40FZB-20	5	22	3	2900	1	180	35	0.86	3	40	50
		8	20					42	1.04			
		12	17					46	1.21			
3	40FZB-30	5	32	4	2900	3	150	34	1.28	3.5	40	50
		8	30					48	1.36			
		12	28					45	2.03			
4	50FZB-20	8	22	3	2900	1	180	35	1.37	3	50	50
		12	20					42	1.56			
		15	17					40	1.74			
5	50FZB-30	8	32	4	2900	3	150	24	2.91	3.5	50	50
		12	30					29	3.38			
		15	28					30	3.82			
6	50FZB-45	8	47	7.5	2900	3	150	24	4.27	3.5	50	40
		12	45					35	4.20			
		15	43					32	5.49			
7	50FZB-70	8	72	15	2900	3	150	20	7.85	4	50	32
		12	70					26	8.80			
		15	68					23	12.08			
8	65FZB-30	15	32	7.5	2900	3	200	37	3.54	4	65	50
		25	30					42	4.87			
		35	27					41	6.28			
9	65FZB-45	15	47	11	2900	3	180	30	6.40	4	65	40
		25	45					42	7.30			
		35	38					44	8.24			
10	65FZB-70	15	72	22	2900	3	180	30	9.81	4	65	40
		25	70					41	11.63			
		35	65					42	14.76			
11	80FZB-30	35	35	11	2900	3.5	180	51	6.55	4.5	80	65
		50	32					63	6.92			
		60	28					56	7.30			
12	80FZB-45	35	47	15	2900	3.5	200	45	9.96	4.5	80	65
		50	45					53	11.57			
		60	42					48	14.31			
13	80FZB-70	35	72	30	2900	3.5	250	45	15.26	5	80	50
		50	70					50	19.08			
		60	65					43	24.72			
14	100FZB-30	65	32	18.5	2900	3.5	200	56	10.12	6	100	80
		100	30					80	10.22			
		110	28					64	12.18			
15	100FZB-45	65	46	30	2900	4	250	48	16.97	6	100	80
		100	45					55	22.30			
		110	40					48	24.95			



picture from the scene

DETAILS



Biopharmaceutical Industry Transfer of acidic/alkaline waste liquids for discharge or recovery
Conveying corrosive media in fermentation and pilot-scale production

Petrochemical Industry Handling corrosive chemical media containing acids or alkalis
Circulation of corrosive liquids in fine-chemical reaction systems

Mining & Metallurgy Industry Transfer of electrolytes (acidic/alkaline)
Conveying leaching solutions or metal surface-treatment liquids

Textile & Dyeing Industry Discharge and recycling of acid – alkali dyeing wastewater
Transfer of corrosive additives and chemical agents

Power Industry Transfer of acidic absorbent liquids in desulfurization/denitrification systems
Conveying chemical cleaning solutions for boilers

Food Industry CIP cleaning systems for acidic and alkaline washing liquids
Transfer of corrosive media in food additive production

Pulp & Paper Industry Conveying bleaching chemicals such as acids and alkaline liquids
Circulation of white water mixed with chemical additives

Electroplating Industry Transfer of pickling solutions and chemical preparation liquids
Circulation and discharge of plating bath solutions

Wastewater Treatment Industry Transfer of highly corrosive industrial wastewater containing acids or alkalis
Chemical dosing in pH adjustment systems

Flue Gas Treatment Industry Transfer of corrosive slurry in desulfurization systems
Discharge and recovery of acidic waste liquids

New Energy Industry Transfer of acidic/alkaline media in lithium-battery material production
Acid-washing and recovery of corrosive liquids in photovoltaic wafer processing

New Materials Industry Transfer of strong corrosive reagents in functional-material production
Discharge of acidic/alkaline waste liquids in nanomaterial processing





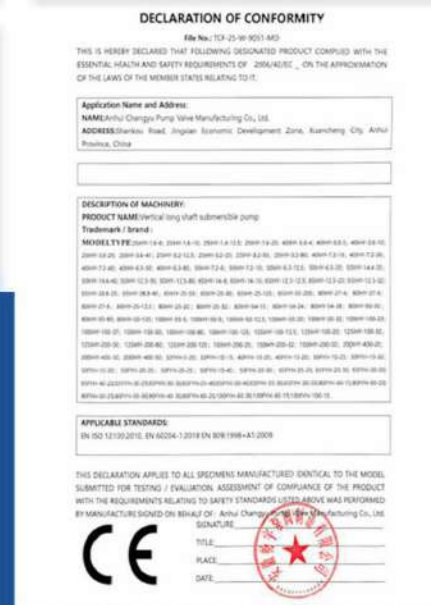
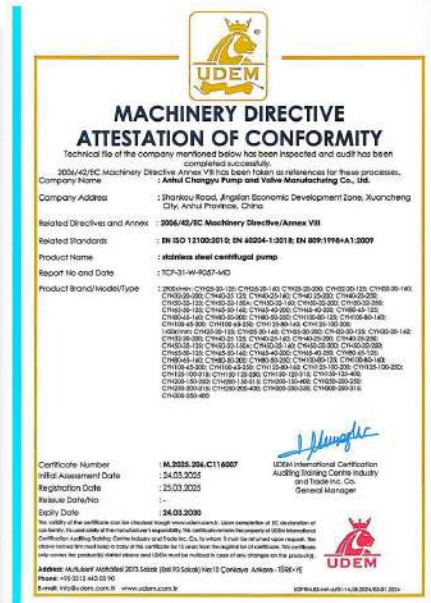
PATENT CERTIFICATE

After years of unremitting efforts, the R&D team has successfully made breakthroughs in a number of key technologies and obtained a number of high-value patents, significantly promoting technological progress in the industry.



ENTERPRISE CERTIFICATION

National and regional certification authority



Factory Exhibition

CHANGYU
PUMP CUSTOMIZATION EXPERT

