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FSB

FLUOROPLASTIC ALLOY CENTRIFUGAL PUMP



- **Working Conditions**

Pump Diameter :25mm-100mm

Working Temperature:-20℃ -180℃

Flow Capacity Range:2m³/h-125m³/h

Pump Head Range:15m-55m

Materials Range:FEP(F46),UHMW-PE

Designed Standard:GB/T5662,ISO2858, EN733/DIN24255

- **Application Fields**

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

- **Pump Usage**

Conveying different concentrations of sulfuric acid,hydrochloric acid,nitric acid and aqua regia,hydrofluoric acid,strong alkali,strong oxidizer,reductant,strong corrosive medium such as chlorine ion.Can be resistant to all stainless steel to resist corrosion medium, instead of the expensive titanium alloy,monel alloy material,such as pump.

- **Designed Instruction**

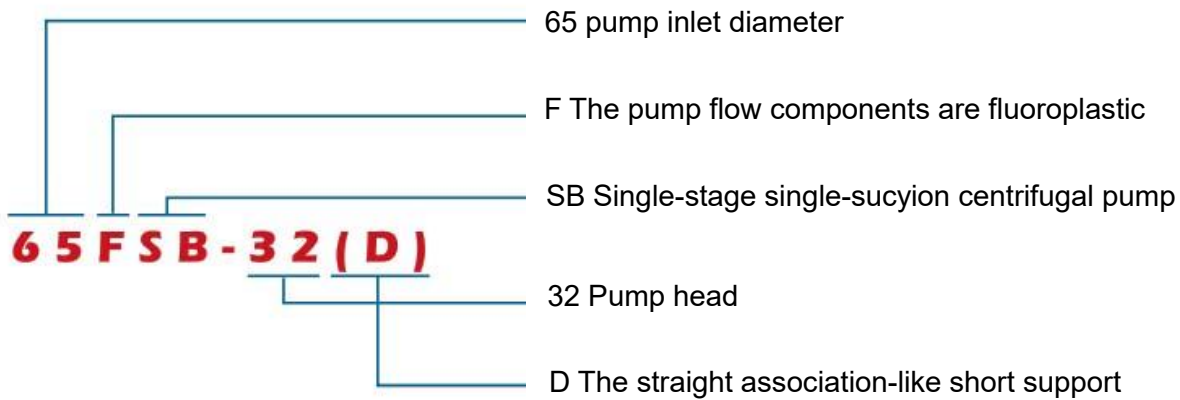
The FSB fluorine plastic alloy centrifugal pump is to use special pump manufacturing and processing technology,pump body, impeller,pump cover is made of metal insert outsourcing fluorine plastic after high temperature moulding,sealing adopts adjustable PTFE bellows mechanical seal.Stents and short the series is divided into two kinds of structure forms,reasonable design,by the pool structure,simple operation,convenient maintenance,etc.

Performance Parameter Table

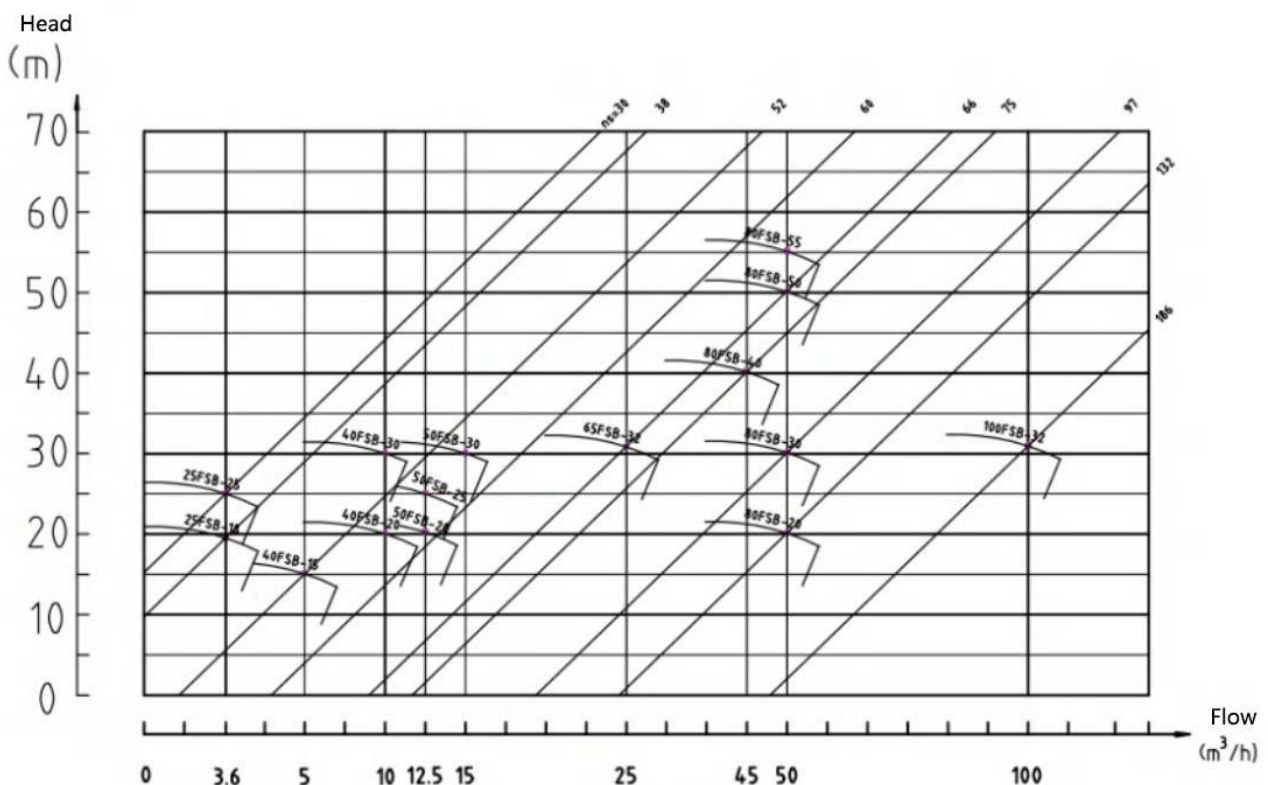
Model No	FlowCapacity (m3/h)	PumpHead (m)	MotorPower (KW)	RoangSeed (r/min)	Efficiency (%)	NPSH (m)	Diameter (mm)	
							Inlet	Outlet
25FSB-18	1.8	20	1.5	2900	18	3	25	25
	3.6	18			25	3		
	5	15			21	3		
25FSB-25	2	26	1.5	2900	25	3		
	3.6	25			36	3		
	5	23			38	3		
40FSB-15	3.5	15	3	2900	21	3	40	32
	5	15			26	3		
	8	10			18	3		
40FSB-20	6	23	3	2900	30	3		
	10	20			42	3		
	12	17			38	3		
40FSB-30	6	32	3	2900	22	3		
	10	30			31	3		
	12	28			32	3		
50FSB-20	8	21	3	2900	40	3	50	32
	12.5	20			52	3		
	15	18			52	3		
50FSB-25	8	26	3	2900	38	3		
	12.5	25			48	3		
	15	22			48	3		
50FSB-30	8	32	3	2900	35	3		
	12.5	30			46	3		
	15	28			46	3		
65FSB-20	15	21	4	2900	32	3	65	50
	25	20			43			
	30	18			46			
65FSB-32	15	34	5.5	2900	42	3		
	25	32			56			
	30	28			58			
80FSB-20	35	22	5.5	2900	55	3	80	65
	50	20			65			
	60	17			63			
80FSB-30	35	34	7.5	2900	58	3.5		
	50	32			64			
	60	28			60			
80FSB-40	35	42	11	2900	53	3.5		
	50	40			63			
	60	36			60			
80FSB-50	35	52	15	2900	55	3.5		
	50	50			63			
	60	45			55			
80FSB-55	35	56	18.5	2900	50	4		
	50	55			60			
	60	48			55			
100FSB-32	80	34	15	2900	65	3.5	100	80
	100	32			70			
	121	28			65			
40FSB-15(D)	3.5	15	3	2900	21	3	40	32
	5	15			26			
	8	10			18			
40FSB-20(D)	6	23	3	2900	30	3		
	10	20			42			
	12	17			38			
40FSB-30(D)	6	32	3	2900	22	3		
	10	30			31			
	12	28			32			

Model No	FlowCapacity (m ³ /h)	PumpHead (m)	MotorPower (KW)	RoangSeed (r/min)	Efficiency (%)	NPSH (m)	Diameter (mm)	
							Inlet	Outlet
50FSB-20(D)	8	21	3	2900	40	3	50	32
	12.5	20			52	3		
	15	18			52	3		
50FSB-25(D)	8	26	3	2900	38	3.5		
	12.5	25			48	3.5		
	15	22			48	3.5		
50FSB-30(D)	8	32	3	2900	35	3.5		
	12.5	30			46	3.5		
	15	28			46	3.5		
65FSB-32(D)	15	34	5.5	2900	42	3.5	65	50
	25	32			56	3.5		
	30	28			58	3.5		
80FSB-20(D)	35	22	5.5	2900	55	3.5	80	65
	50	20			65	3.5		
	60	17			63	3.5		
80FSB-30(D)	35	34	7.5	2900	58	3.5		
	50	32			64	3.5		
	60	28			60	3.5		

Model significance



Performance Curve



Three dimensional figure and material structure

