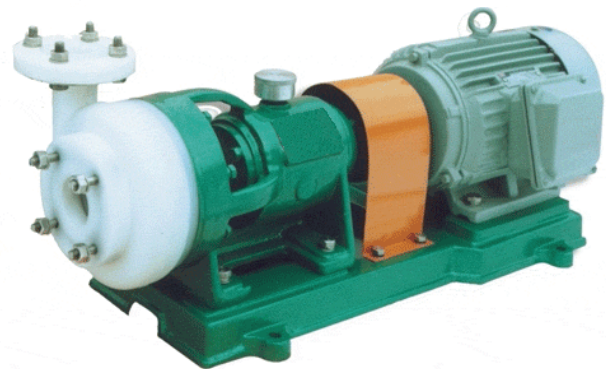
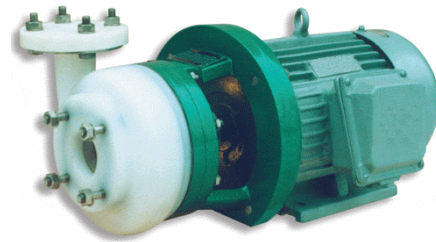




# MFB Mechanically Sealed Pump

<b>Flow (m /hr)</b>	<b>2 - 110</b>
<b>Max. Head (m)</b>	<b>8 - 56</b>
<b>Temperature ( c )</b>	<b>-20 °c - 100 °c</b>
<b>Design</b>	<b>Direct Coupled, Back Pull Out End Suction Coupling.</b>
<b>Features</b>	<b>Fully PFA</b>

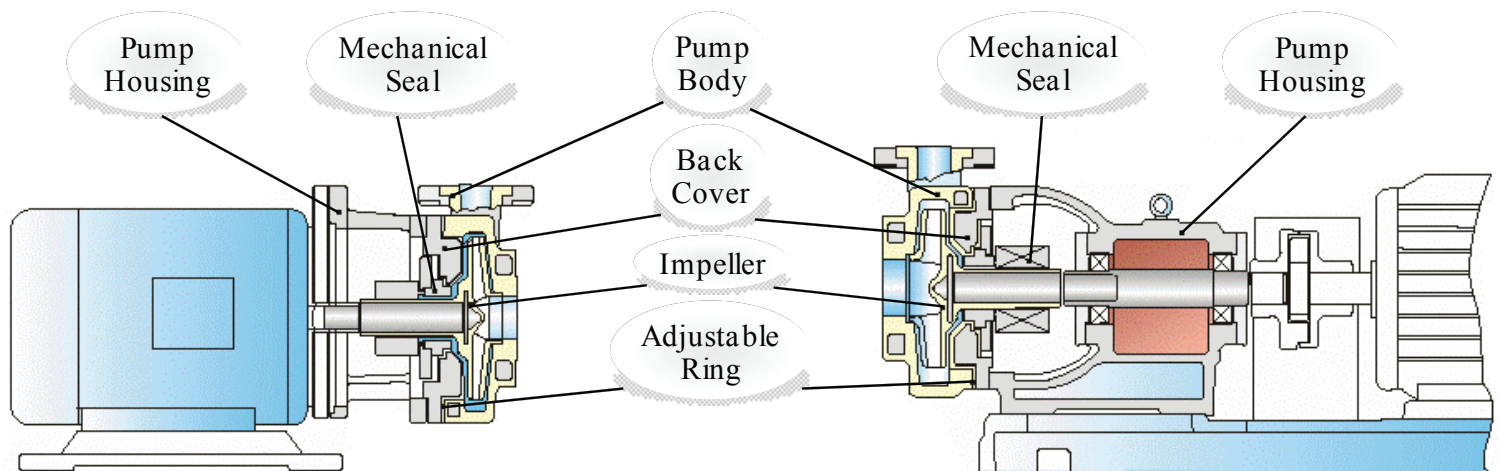
\*PFA-Perfluoroalkoxy, Teflon-PFA



## • Typical Application •

**Petrochemical, Chemical Processing, Bulk Unload & Transfer, Plating Recirculation / Filtration, PCB Etching / Rinse, Fumes Scrubber, Waste Water Treatment, Electronics Manufacturing, Underground Storage Tank, Top Opening Tank, Sumps, Pharmaceutical & Photo Processing, And Any Hazardous Chemical Applications...**

## Structure Diagram & Material



## Type Keys

**80 MF B - 30 (D)**

————— **Close-Coupled**  
 ————— **Head (m)**  
 ————— **Single Stage Centrifugal Pump**  
 ————— **Wetted Parts PFA-Teflon**  
 ————— **Inlet Diameter (mm)**

\*PFA-Perfluoroalkoxy, Teflon-PFA



# Specifications

(MODEL MFB)

No	Model	Flow Rate (m <sup>3</sup> /hr)	Head (m)	Efficiency (%)	NPSH (m)	Inlet/Outlet Diameter (mm)	Speed (r/min)	Power (kw)	kg
1	25 MFB-25	2	25	22	3.0	25X25	2900	1.5	48
		*3.6	25	30					
		6	23	41					
2	40 MFB-15	3.5	15	33	3.0	40X32	2900	3	75
		*5	15	45					
		8	10	48					
3	40 MFB-20	6	22	30	3.0	40X32	2900	3	75
		*10	20	42					
		12	17	48					
4	40 MFB-30	6	31	22	3.0	40X32	2900	3	75
		*10	30	36					
		12	28	38					
5	50 MFB-20	8	21	40	3.0	50X32	2900	3	75
		*12.5	20	52					
		15	17	52					
6	50 MFB-25	8	26	38	3.0	50X32	2900	3	75
		*12.5	25	48					
		15	22	48					
7	50 MFB-30	8	31	35	3.0	50X32	2900	3	75
		*12.5	30	46					
		15	30	46					
8	65 MFB-32	17	33	42	3.0	65X50	2900	5.5	125
		*25	32	56					
		30	30	58					
9	80 MFB-20	35	21	55	3.5	80X65	2900	5.5	125
		*50	20	65					
		60	17	68					
10	80 MFB-25	35	26	53	3.5	80X65	2900	7.5	130
		*50	25	64					
		60	23	68					
11	80 MFB-30	35	32	58	3.5	80X65	2900	7.5	130
		*50	30	64					
		60	28	64					
12	80 MFB-40	35	41	53	3.5	80X65	2900	11	210
		*45	40	63					
		55	36	60					
13	80 MFB-50	35	52	55	3.5	80X65	2900	15	208
		*50	50	63					
		60	45	55					
14	80 MFB-55	35	56	50	4.0	80X65	2900	18.5	230
		*50	55	60					
		60	49	55					
15	100 MFB-32	65	35	65	3.5	100X80	2900	15	250
		*100	32	70					
		110	26	65					

Note : All specifications subject to change without prior notice.

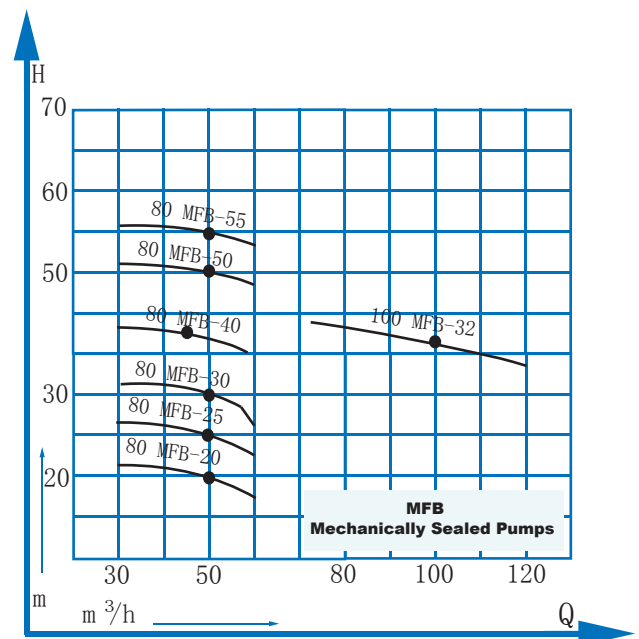
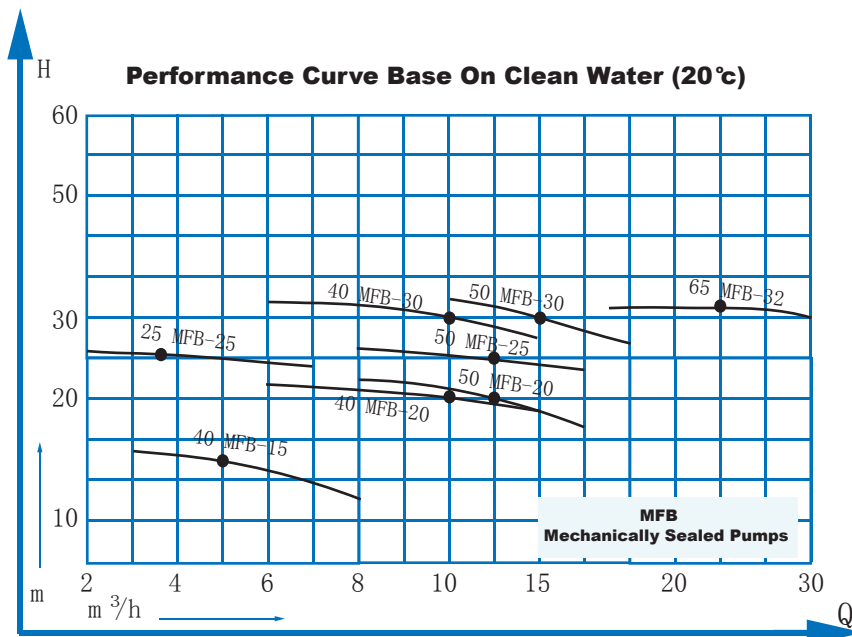


# Specifications

(MODEL MFB(D))

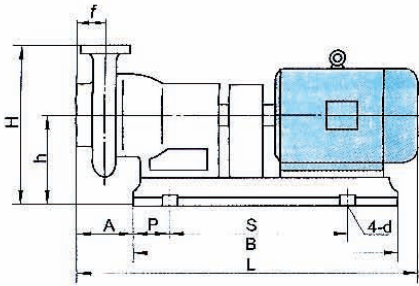
No	Model	Flow Rate (m <sup>3</sup> /hr)	Head (m)	Efficiency (%)	NPSH (m)	Inlet/Outlet Diameter (mm)	Speed (r/min)	Power (kw)	kg
1	40 MFB-15(D)	3.5	15	33	3.0	40X32	2900	3	55
		*5	15	45					
		10	8	48					
2	40 MFB-20(D)	6	22	30	3.0	40X32	2900	3	55
		*10	20	42					
		12	17	48					
3	40 MFB-30(D)	6	31	22	3.0	40X32	2900	3	55
		*10	30	36					
		12	28	38					
4	50 MFB-20(D)	8	21	40	3.0	50X32	2900	3	55
		*12.5	20	52					
		15	17	52					
5	50 MFB-25(D)	8	26	38	3.0	50X32	2900	3	55
		*12.5	25	48					
		15	22	48					
6	50 MFB-30(D)	8	31	35	3.0	50X32	2900	3	55
		*12.5	30	46					
		15	30	46					
7	65 MFB-32(D)	15	33	42	3.0	65X50	2900	5.5	125
		*25	32	56					
		30	30	58					
8	80 MFB-20(D)	35	21	55	3.5	80X65	2900	5.5	125
		*50	20	65					
		60	17	68					
9	80 MFB-25(D)	35	26	53	3.5	80X65	2900	7.5	130
		*50	25	64					
		60	23	68					
10	80 MFB-30(D)	35	32	58	3.5	80X65	2900	7.5	130
		*50	30	64					
		60	28	64					

## Performance Curve

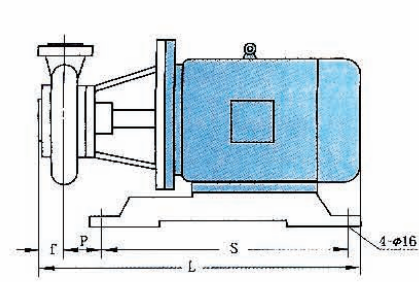
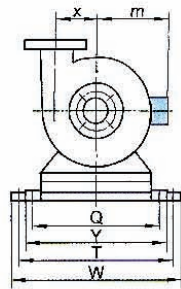


Note : All specifications subject to change without prior notice.

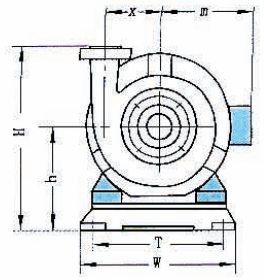
# Dimensions



(FSB)



(FSB(D))



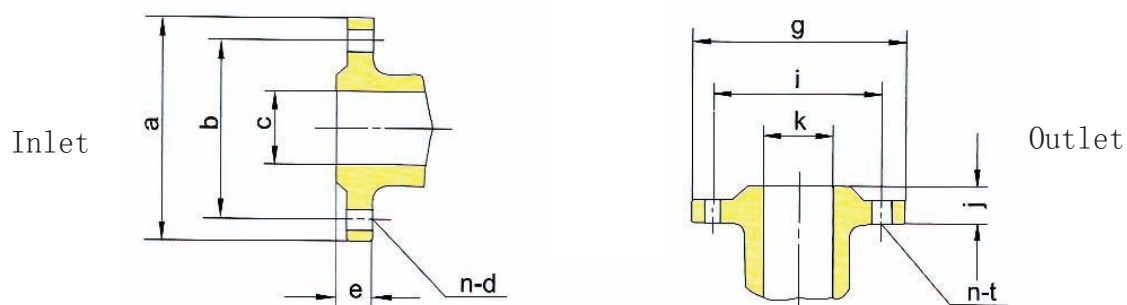
(FSB)

Model	L	B	S	P	A	W	T	Y	Q	H	h	f	x	m	4- $\phi$ d
25 MFB-25	700	590	440	75	80	280	240	280	240	257	162	40	77	150	4- $\phi$ 16
40 MFB-15	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4- $\phi$ 16
40 MFB-20	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4- $\phi$ 16
40 MFB-30	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4- $\phi$ 16
50 MFB-20	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4- $\phi$ 16
50 MFB-25	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4- $\phi$ 16
50 MFB-30	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4- $\phi$ 16
65 MFB-32	940	725	480	130	80	370	330	290	250	347	197	74	95	210	4- $\phi$ 15
80 MFB-20	980	725	480	130	142	370	330	290	250	347	197	74	95	210	4- $\phi$ 15
80 MFB-25	980	725	480	130	142	370	330	290	250	347	197	74	95	210	4- $\phi$ 18
80 MFB-30	980	710	480	125	142	365	330	285	250	347	197	74	95	210	4- $\phi$ 18
80 MFB-40	1200	920	660	124	142	430	390	350	300	410	230	85	118	265	4- $\phi$ 18
80 MFB-50	1210	920	660	124	142	430	390	340	300	410	230	85	118	265	4- $\phi$ 18
80 MFB-55	1255	920	660	124	142	430	390	340	300	410	230	85	118	265	4- $\phi$ 18
100 MFB-32	1180	1130	720	205	142	485	435	485	435	500	280	100	118	265	4- $\phi$ 24

(FSB(D))

Model	L	S	P	f	W	T	H	h	x	m
40 MFB-15(D)	500	310	150	40	220	170	260	140	85	180
40 MFB-20(D)	500	310	150	40	220	170	260	140	85	180
40 MFB-30(D)	500	310	150	40	220	170	260	140	85	180
50 MFB-20(D)	480	310	150	45	220	170	260	140	82	180
50 MFB-25(D)	480	310	150	45	220	170	260	140	82	180
50 MFB-30(D)	480	310	150	58	220	170	260	140	82	180
65 MFB-32(D)	660	330	140	60	290	240	327	177	95	210
65 MFB-20(D)	660	330	140	60	290	240	327	177	95	210
80 MFB-25(D)	660	330	140	60	290	240	327	177	95	210
80 MFB-30(D)	660	330	140	60	290	240	327	177	95	210

# Dimensions



Model	Inlet					Outlet				
	c	a	b	e	n- $\phi$ d	k	g	i	j	n- $\phi$ t
<b>25 MFB-25</b>	<b>25</b>	<b>120</b>	<b>85</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>	<b>25</b>	<b>100</b>	<b>75</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>
<b>40 MFB-15(D)</b>	<b>40</b>	<b>130</b>	<b>100</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>	<b>32</b>	<b>112</b>	<b>90</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>
<b>40 MFB-20(D)</b>	<b>40</b>	<b>130</b>	<b>100</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>	<b>32</b>	<b>112</b>	<b>90</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>
<b>40 MFB-30(D)</b>	<b>40</b>	<b>130</b>	<b>100</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>	<b>32</b>	<b>112</b>	<b>90</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>
<b>50 MFB-20(D)</b>	<b>50</b>	<b>130</b>	<b>100</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>	<b>32</b>	<b>112</b>	<b>90</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>
<b>50 MFB-25(D)</b>	<b>50</b>	<b>130</b>	<b>100</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>	<b>32</b>	<b>112</b>	<b>90</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>
<b>50 MFB-30(D)</b>	<b>50</b>	<b>130</b>	<b>100</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>	<b>32</b>	<b>112</b>	<b>90</b>	<b>18</b>	<b>4-<math>\phi</math>12</b>
<b>65 MFB-32(D)</b>	<b>65</b>	<b>185</b>	<b>150</b>	<b>18</b>	<b>4-<math>\phi</math>14</b>	<b>50</b>	<b>160</b>	<b>130</b>	<b>22</b>	<b>4-<math>\phi</math>12</b>
<b>80 MFB-20(D)</b>	<b>80</b>	<b>185</b>	<b>150</b>	<b>18</b>	<b>4-<math>\phi</math>14</b>	<b>65</b>	<b>160</b>	<b>130</b>	<b>22</b>	<b>4-<math>\phi</math>12</b>
<b>80 MFB-25(D)</b>	<b>80</b>	<b>185</b>	<b>150</b>	<b>18</b>	<b>4-<math>\phi</math>14</b>	<b>65</b>	<b>160</b>	<b>130</b>	<b>22</b>	<b>4-<math>\phi</math>12</b>
<b>80 MFB-30(D)</b>	<b>80</b>	<b>185</b>	<b>150</b>	<b>18</b>	<b>4-<math>\phi</math>14</b>	<b>65</b>	<b>160</b>	<b>130</b>	<b>22</b>	<b>4-<math>\phi</math>12</b>
<b>80 MFB-40</b>	<b>80</b>	<b>190</b>	<b>150</b>	<b>20</b>	<b>4-<math>\phi</math>18</b>	<b>50</b>	<b>170</b>	<b>125</b>	<b>20</b>	<b>4-<math>\phi</math>18</b>
<b>80 MFB-50</b>	<b>80</b>	<b>190</b>	<b>150</b>	<b>20</b>	<b>4-<math>\phi</math>18</b>	<b>50</b>	<b>170</b>	<b>125</b>	<b>20</b>	<b>4-<math>\phi</math>18</b>
<b>80 MFB-55</b>	<b>80</b>	<b>190</b>	<b>150</b>	<b>20</b>	<b>4-<math>\phi</math>18</b>	<b>50</b>	<b>170</b>	<b>125</b>	<b>20</b>	<b>4-<math>\phi</math>18</b>
<b>100 MFB-32</b>	<b>100</b>	<b>220</b>	<b>180</b>	<b>25</b>	<b>4-M16</b>	<b>80</b>	<b>200</b>	<b>165</b>	<b>25</b>	<b>4-M16</b>