

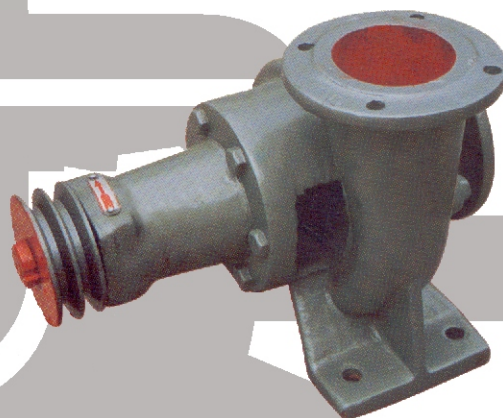
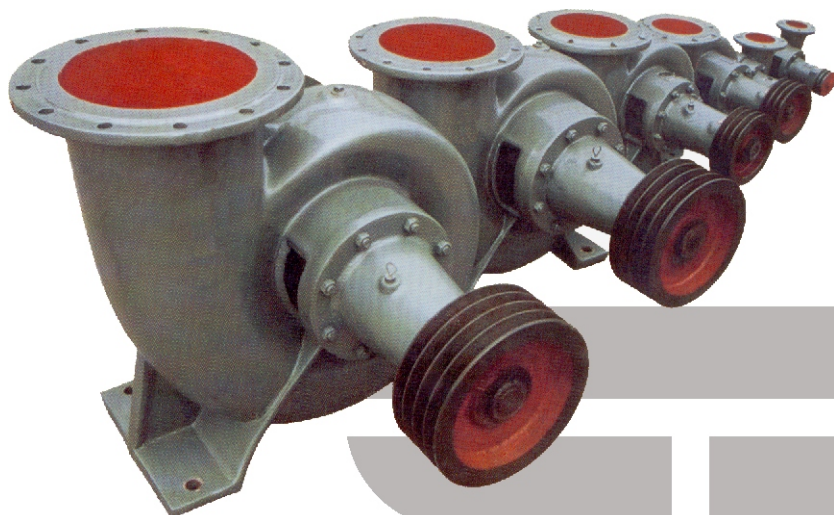
MF SERIES

STRUCTURE

- ◆ Single stage volute-type pump

FEATURE

- ◆ Compact structure
- ◆ Low head and large capacity
- ◆ Light weight
- ◆ Simple installation
- ◆ Simple maintenance
- ◆ Reliable operation
- ◆ Effective & efficiency



WORKING CONDITIONS

- ◆ Applicable handling clear water or similar liquids at temperature below 80°C

APPLICATIONS:

- ◆ Irrigation and drainage of farmland
- ◆ Water supply and discharge in industry and urban areas

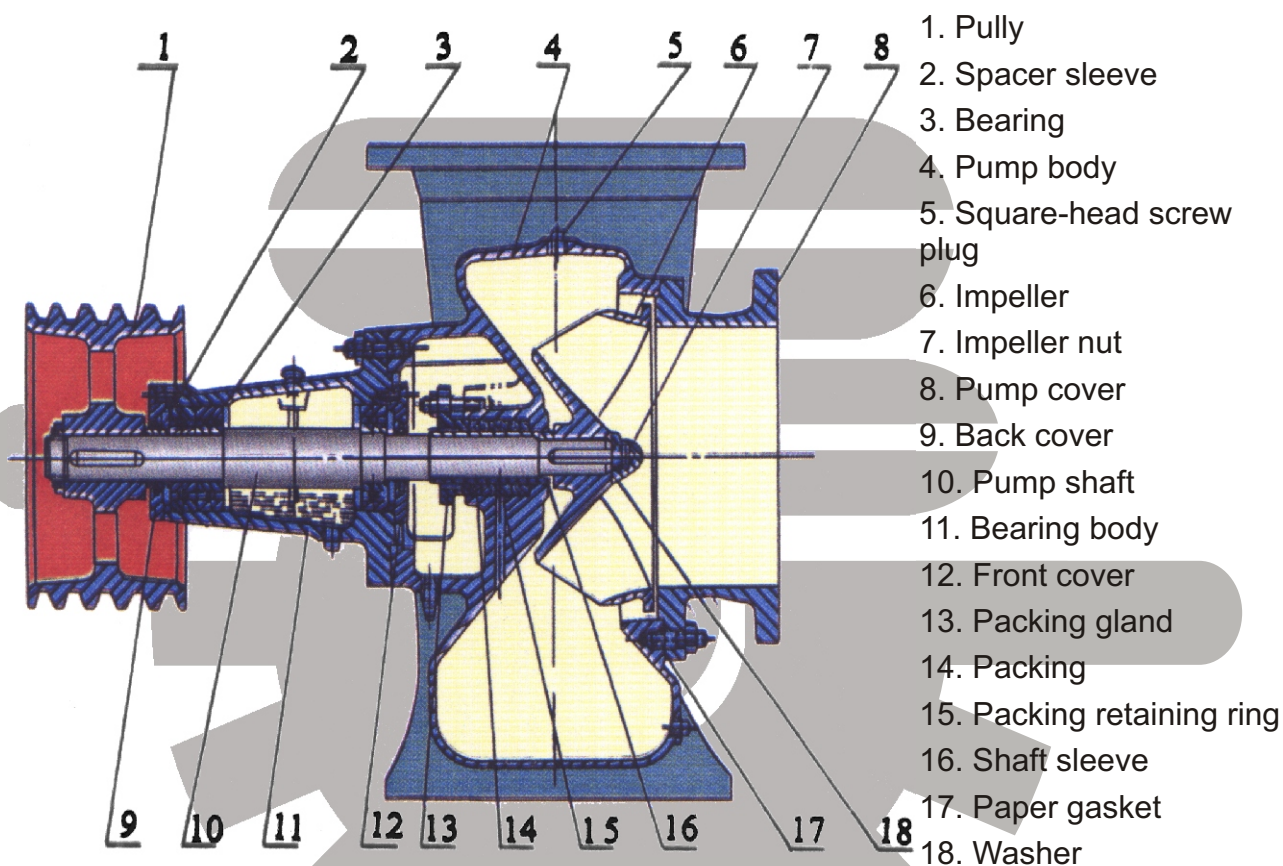


THONG FATT JAYA MACHINERY HARDWARE SDN. BHD.

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STRUCTURE



1. Pulley
2. Spacer sleeve
3. Bearing
4. Pump body
5. Square-head screw plug
6. Impeller
7. Impeller nut
8. Pump cover
9. Back cover
10. Pump shaft
11. Bearing body
12. Front cover
13. Packing gland
14. Packing
15. Packing retaining ring
16. Shaft sleeve
17. Paper gasket
18. Washer



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MIXED-FLOW PUMP



SPECIFICATION DATA 1

Model	Capacity (Q)		Head (m)	Speed (rpm)	Power (kw)		Efficiency η(%)	NPSHr (m)
	(m ³ /h)	(l/s)			Shaft	Motor		
4MF-8	90	25	8	2900	2.42	3	81	4
	80	22	6.5	2600	1.6	2.2	80	3.5
	68	19	4.5	2200	0.95	1.5	78	3
4MF-12	90	25	12.5	2900	3.78	5.5	82	4.3
	80	22	10	2600	2.65	4	80	3.2
	68	19	7	2200	1.65	2.2	78	2.6
6MF-8	180	50	8	1450	4.78	5.5	83	2.7
	223	62	12.3	1800	9.15	11	84	3.8
	273	76	18.4	2200	16.7	22	86	5
6MF-12	180	50	12.5	2900	7.5	11	83	5
	155	43	9.3	2500	4.87	5.5	82	4.5
	137	38	7.2	2200	3.3	4	80	4
8MF-8	432	120	11.6	1750	16.9	18.5	84	5.6
	360	100	8	1450	9.6	11	83	4
	310	86	6	1250	6.2	7.5	82	3
	243	68	3.7	980	3	4	80	1.8
8MF-12	432	120	18.2	1750	25.9	30	85	5.6
	360	100	12.5	1450	14.7	18.5	83.5	4
	310	86	9.3	1250	9.4	11	83	3
	243	68	5.7	980	4.5	5.5	82	1.8
10MF-8	793	220	17.2	1750	44	55	87	6.5
	657	182	11.8	1450	25.2	30	86	5.4
	566	157	8.8	1250	16.1	18.5	85	4.4
	444	122	5.4	980	7.8	11	84	2.7
12MF-8	800	222	8.2	980	20.9	22	85	4
	694	193	6.2	850	13.4	15	84	3.5
	596	166	4.4	730	8.6	11	84	3



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MIXED-FLOW PUMP



SPECIFICATION DATA 2

Model	Capacity (Q)		Head (m)	Speed (rpm)	Power (kw)		Efficiency 0 I (%)	NPSHr (m)
	(m ³ /h)	(l/s)			Shaft	Motor		
12MF-12	800	222	12.8	980	32.7	37	85	4
	694	193	9.6	850	21.3	25	83	3
	596	166	7.1	730	13.5	15	81	2.2
14MF-8	1000	278	8	980	25.5	30	85.5	4.5
	867	241	6	850	16.6	22	85	3.8
	745	207	4.4	730	10.5	15	85	3
16MF-7	1692	470	16	980	68	75	88	7.8
	1467	408	9.2	850	44.4	55	87	6.5
	1260	350	6.8	730	28.1	30	86	5
16MF-10	1880	522	18	980	107	125	86	5
	1630	453	13.5	850	70	75	86	4.5
	1400	389	10	730	44.3	55	86	4
20MF-6	2492	692	9.8	730	76.4	90	87	6
	2219	616	7.8	650	54	75	87	5.8
	1980	550	6.2	580	38.4	55	87	5.5
26MF-5	4988	1386	12	730	184	220	87	7.2
	4442	1234	9.5	650	130	135	87	6.8
	4032	1120	7.6	580	97.5	110	86	6
26MF-7	4457	1238	11.2	590	154	180	88	6
	3660	1013	7.5	480	85.8	110	88	5.5
	3400	944	6.5	450	68.4	90	88	5.3
26MF-10	4000	1111	14	590	173	220	88	6
	3254	904	9.3	480	93.7	110	88	5.5
	3050	847	8.2	450	77.2	90	88	5.3
32MF-10	7350	2042	17.7	590	392.8	425	88	6
	5980	1660	11.7	480	211.5	250	88	5.5
	4983	1384	8.2	400	122.4	135	88	5.3



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