CTMP 腾龙·泵阀

CHINA · TENGLONG MAGNETIC PUMP

FLUOROPLASTIC MAGNETIC PUMP

TMF Fluoroplastic magnetic pump (NEW)



Use

Transportation of pesticides, pharmaceuticals, strong acids and bases

Design features

simple

TMF removed the back cover, simple structure and long life.

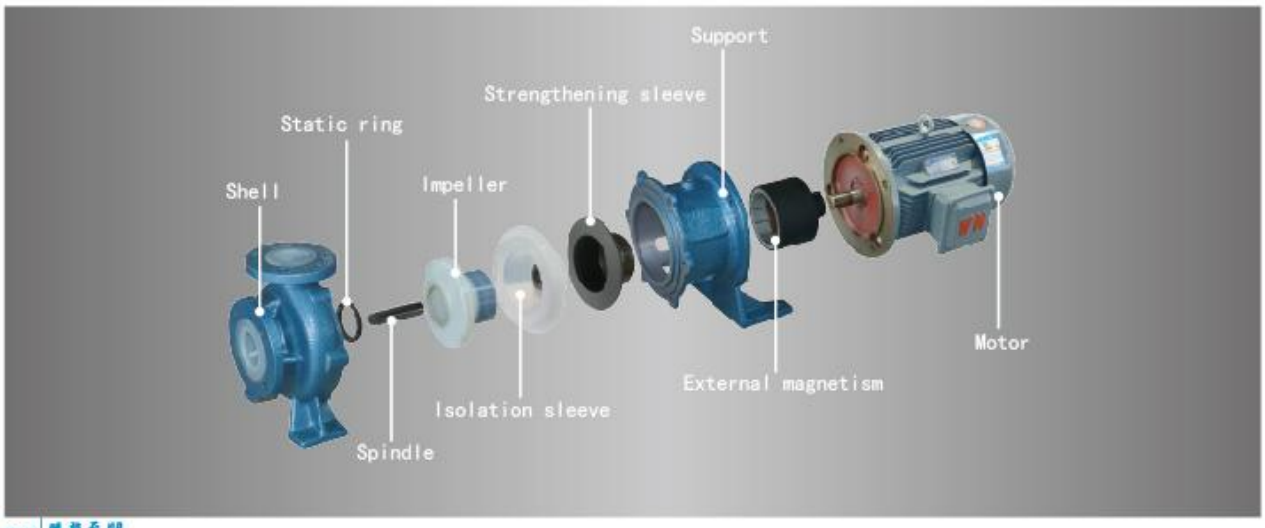
Long life friction material

Silicon carbide friction material, extended service life.

New material

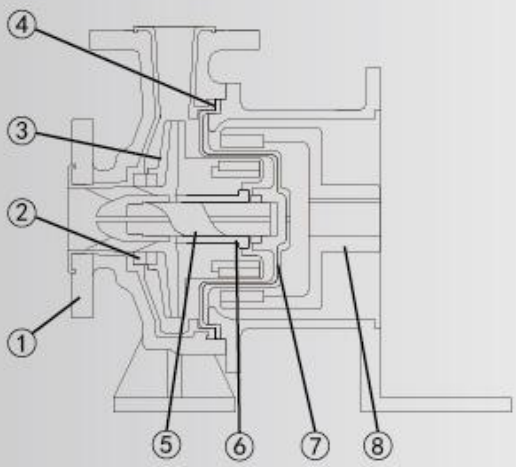
TMF series uses a lot of new materials

Part drawing



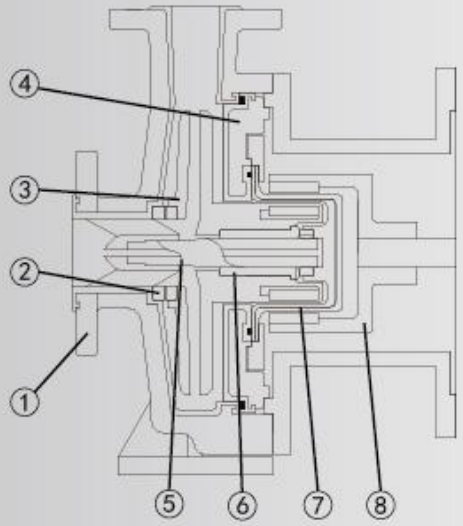
Structure and materials

TMF Series



1	Pump shell	HT200/F46
2	Static ring	SIC
3	Impeller	F46/NdFeB
4	Sealing ring	Fluorine rubber
5	Spindle	SIC
6	Shaft sleeve	SIC
7	Isolation sleeve	F46/PEEK
8	External magnetism	HT200/NdFeB

Impeller diameter < 250mm



1	Pump shell	HT200/F46
2	Static ring	SIC
3	Impeller	F46/NdFeB
4	Back cover	HT200/F46
5	Spindle	SIC
6	Shaft sleeve	SIC
7	Isolation sleeve	F46/PEEK
8	External magnetism	HT200/NdFeB

Impeller diameter≥250mm

Model meaning

50 T M F - 30 G J K

- K — Granular type
- J — Lye type
- G — High temperature type
- 30 — Transport length 30 m
- F — There is fluorine inside
- M — Magnetic drive Pump
- T — Number T
- 50 — Calibre is 50 mm

Performance data

TMF Series

Type	Flow	Head	EFF	NPSHr	Aperture	Speed	Power
Type	FLOW m^3/h	HEAD m	EFF %	NPSHr m	Import× Exit mm	SPEED r/min	POWER kW
32TMF-20	3.6	20	18	3	32 × 20	2900	1.1
32TMF-32	3.6	32	20	3	32 × 20	2900	2.2
40TMF-20	6.3	20	28	3	40 × 25	2900	1.5
40TMF-32	6.3	32	26	3	40 × 25	2900	3
40TMF-50	6.3	50	30	3	40 × 25	2900	5.5
40TMF-80	6.3	80	35	3	40 × 32	2900	11
50TMF-20	12.5	20	56	3.2	50 × 32	2900	1.5
50TMF-32	12.5	32	46	3.2	50 × 32	2900	4
50TMF-50	12.5	50	43	3.2	50 × 32	2900	7.5
50TMF-80	12.5	80	36	3.2	50 × 32	2900	11
65TMF-20	25	20	55	3.5	65 × 50	2900	3
65TMF-25	18	25	57	3.5	65 × 50	2900	4
65TMF-32	25	32	52	3.5	65 × 50	2900	5.5
65TMF-50	25	50	46	3.5	65 × 40	2900	11
65TMF-80	25	80	47	3.5	65 × 40	2900	18.5
80TMF-20	50	20	45	4.5	80 × 65	2900	5.5
80TMF-32	50	32	48	4.5	80 × 65	2900	11
80TMF-50	50	50	56	4.5	80 × 50	2900	15
80TMF-80	50	80	53	4.5	80 × 50	2900	30
100TMF-20	100	20	54	5	100 × 80	2900	15
100TMF-32	100	32	56	5	100 × 80	2900	18.5
100TMF-40	100	40	51	5	100 × 80	2900	30
125TMF-15	170	15	37	5.5	125 × 100	2900	22
125TMF-20	170	20	38	5.5	125 × 100	2900	30
125TMF-30	190	30	45	5.5	125 × 100	2900	37
125TMF-40	200	40	57	5.5	125 × 100	2900	45
125TMF-50	200	50	60	5.5	125 × 100	2900	55

TMF series can be customized according to requirements
1. High temperature type-G, Maximum temperature is 180℃
2. Lye type-J
3. Granular type-K