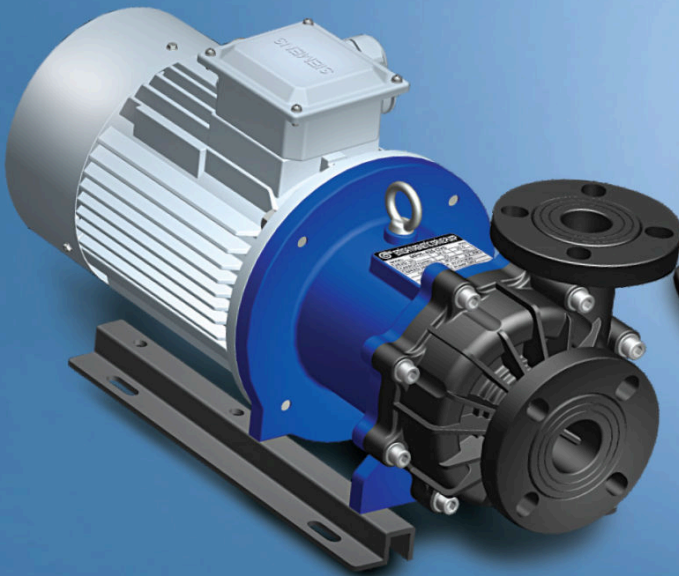


# MKH SERIES magnetic drive pump

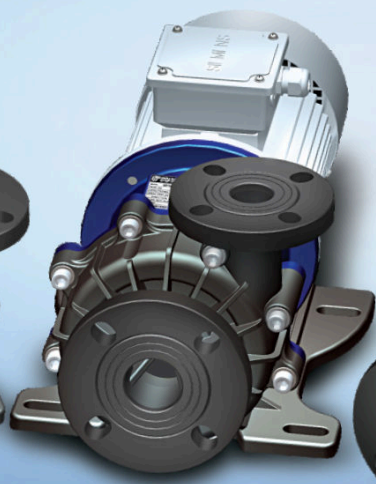
MKH-425



MKH-423



MKH-422



## Company introduces

"Muko Pump" high quality chemical pumps. Production technology from Japan. Our team of professional engineers with expertise and experience to produce chemical pumps more than 30 years, from which we can develop chemical pumps continuously for a long time. Throughout decades, We were behind the success of leading companies around the world. Today, We are welcome to offer this new and innovative New Brand.

The name is Muko Pump chemical pumps high quality used in various industries such as Chemical Industry, Pharmaceuticals. Industry, Electric Plate, Photography Processing, Electric Appliance, Metal Industry, Mineral Industry, Food Industry, Medicine Remedy, Water Treatment, Pollution Control and Other Application

## Three the idling resistant Structure, realization of running the air pump

MKH-401



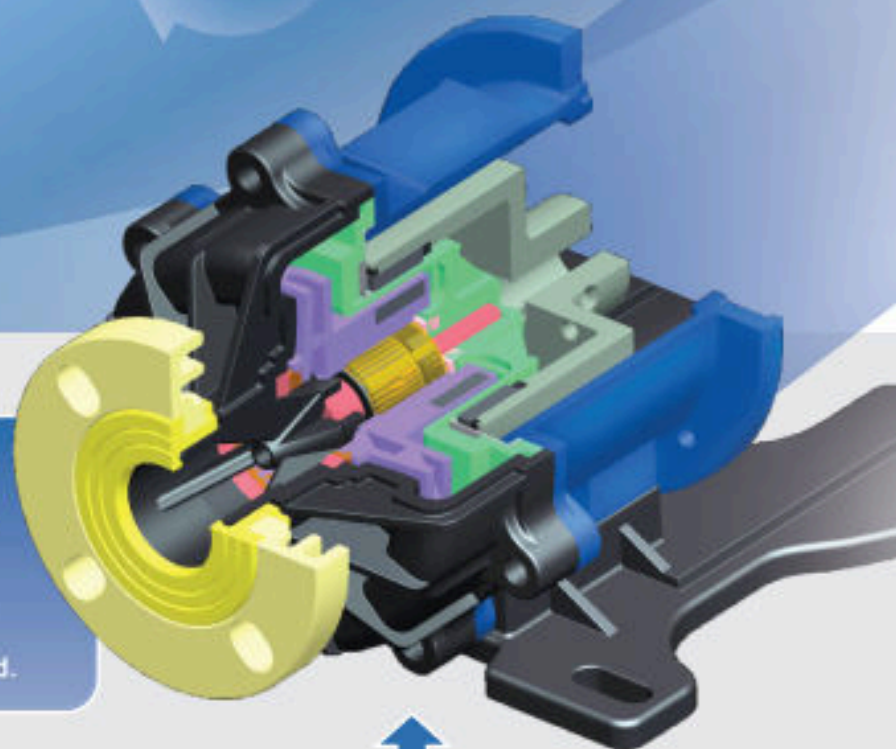
MKH-400



**1** Magnet positioning system accurately without contact structure

**2** Self circulation cooling structure

**3** Heat insulation structure



**1** Magnet positioning system accurately without contact structure, through the precise control of magnetic bearing, while running back and thrust ring without connect. This structure can effectively suppress frictional heat, so that the pump durability increased.



**2** Through the creation of through type radiating circular groove on the shaft around, so that the liquid forced circulation cooling under the action of centrifugal force, the pump abnormal operating conditions, the effective diffusion of friction heat, to prevent the pump body material deformation due to high temperature .



**3** Use of high temperature resistant materials, to avoid deforming at high temperature .

# MKH SERIES magnetic drive pump

MKH-425



MKH-423



MKH-422



MKH-421



## ◆ Leakage-proof / Durable and high efficiency

The design is nonshaft seal of MP/MPH Magnetic drive pump series, pump body is completely enclosed, to eliminate the unavoidable disadvantages of traditional mechanical gland pumps such as fleeing, emitting, dropping and leaking. Optimal structure design, blade and magnet are molded together, and they are not likely to be damaged during high-speed operation and under high temperature. Which reduced the size of pump components and greatly enhanced the efficiency of the pump.

## ◆ The excellent corrosion resistance

The pump shell made of reinforced polypropylene plastic and ETFE. The pump shafts, the bearings and the end collars were made of highly corrosion resistant materials such as: high-purity aluminaceramics, silicon nitride, full up polytetrafluoroethylene and carbon. The use of such materials combined with a glandless and leakless construct ensures safe transfer of most types of liquid chemicals.

## ◆ Structure simple / Maintenance convenience

Modular main components can be quickly disassembled and inspected for maintenance convenience.

## ◆ The innovative idling resistant design

The innovative idling resistant design of MPH Magnetic drive pump series ensures the long-term no-water idling running without water without damage, thus greatly enhance the durability of products.

Note: Bearing idling capacity limited to the models using of carbon material (CV, CE type).



## SELF-PRIMING PUMP

KPP (SERIES P, SERIES I) is different of ordinary self priming pump, long time running without damage under idling, cavitation, outlet valve be closed the abnormal condition.



**KPP**  
Series - Close Couple Pump  
Power 1-10 HP

### Construction



### Model identification

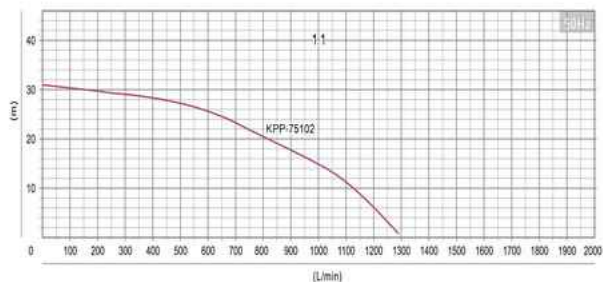
**KPP - 75 10 2 - V S S**

① ② ③ ④ ⑤ ⑥ ⑦

① Model	Kuangpao Self-Priming Pump
② In-Out (Inch)	40 : 1 1/2" 50 : 2" 75 : 3"
③ Motor Power (HP)	01 : 1HP / 02 : 2HP / 03 : 3HP 05 : 5HP / 07 : 7.5 HP / 10 : 10 HP
④ Pole	2 : 2POLE 4 : 4POLE
⑤ Rubber Material	E : EPDM V : FKM (VITON)

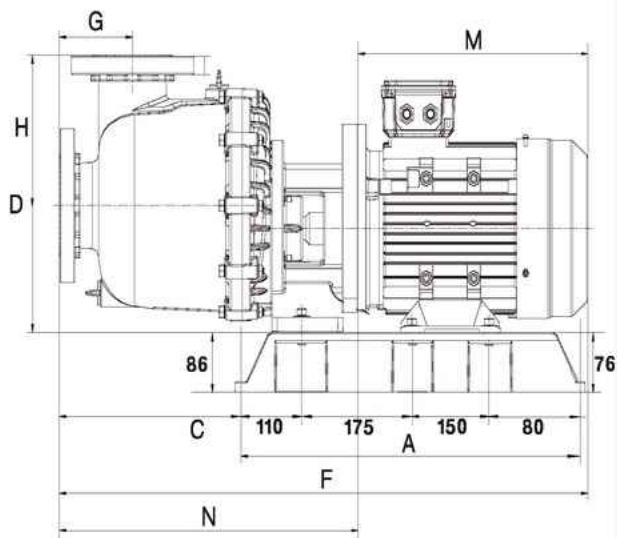
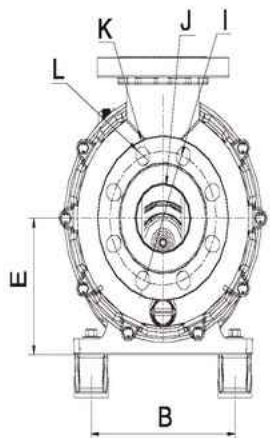
⑥ Stationary Ring	S : SILICON
⑦ Rotational Ring	C : CARBON S : SILICON

### Performance curves



# Dimension drawing, Parts drawing

## KPP-75072, KPP-75102



Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N
KPP-75072	515	220	375	330	165	865	125	183	146	75	192	25	400	465
KPP-75102	515	220	375	330	165	865	125	183	146	75	192	25	400	465

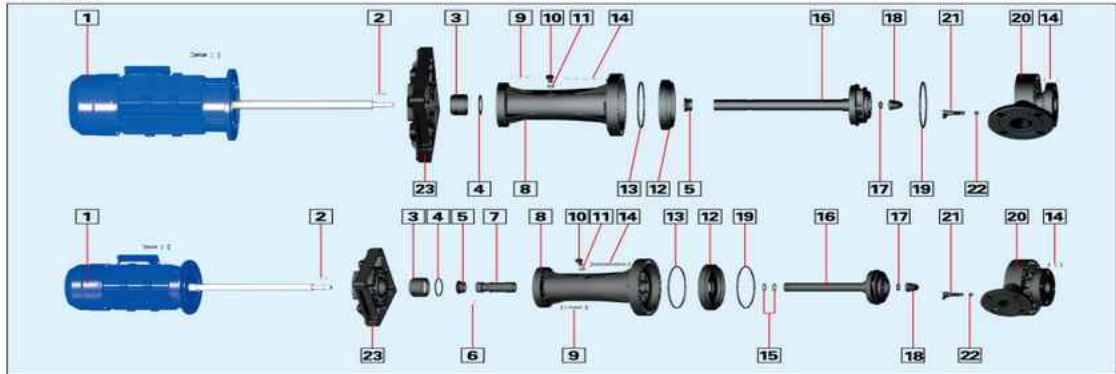


# KUANGPAO VERTICAL PUMP

## PVA SERIES

.....Pump are manufactured from the two materials FRPP and PVDF to ensure resistance to high heat and corrosion. Dry Vapor seal : ensure to can prevent the motor bearing from being etched by chemical gas

### Material



NO.	Description		
1	Motor		
2	Shaft key	SUS	
3	Seal ceramic	FRPP/PVDF	
4	Vapor seal O-ring	EPFM/FKM	
5	Vapor seal	EPFM/FKM	
6	Shaft sleeve screw	SUS	
7	Shaft sleeve	EPFM/FKM	
8	Main body	FRPP/PVDF	
9	Main body screw cap	SUS	
10	Release screw	FRPP	
11	Release screw O-ring	EPFM/FKM	
12	Back cover	FRPP/PVDF	
13	Back cover O-ring	EPFM/FKM	
14	Front cover screw	SUS	
15	Impeller O-ring	EPFM/FKM	
16	Impeller	FRPP/PVDF	
17	Impeller nut O-ring	EPFM/FKM	
18	Impeller nut	FRPP/PVDF	
19	Front cover O-ring	EPFM/FKM	
20	Front cover	FRPP/PVDF	
21	Air release valve	FRPP/PVDF	
22	Air release valve packing	EPFM/FKM	
23	Motor spacer	FRPP	



## Model identification

**PVA - PP - 01 - E**

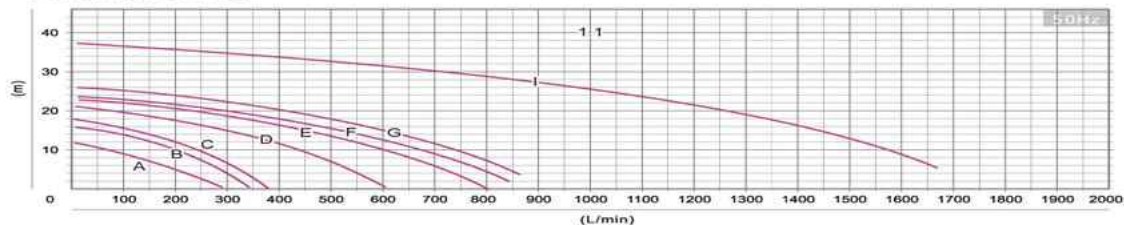
① ② ③ ④

① Series Symbol	PVA
② Material	PP : FRPP PV : PVDF
③ Motor Power	01 : 1HP 02 : 2HP 03 : 3HP 04 : 5HP 05 : 7.5HP 06 : 10HP 07 : 15HP
④ Rubber Material	E : EPDM V : FKM (VITON)

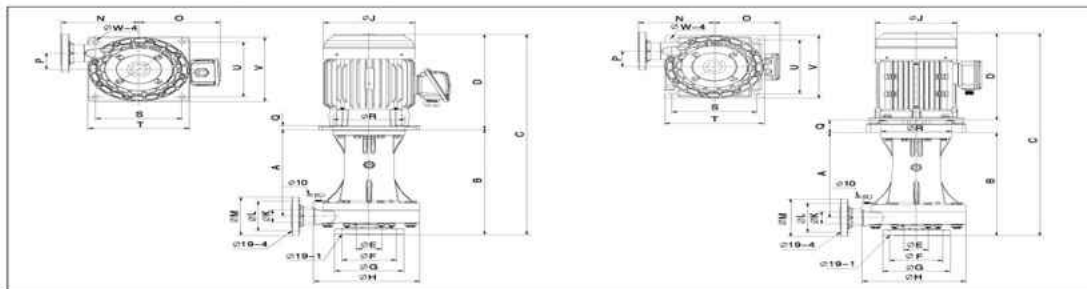
## Specifications

Type	Curves NO	Max head (m)	Max Capacity (L/min)	In / Out (mm)	Power		
					Phase	Pole	HP
PVA-01	A	12	293	50/40	3Ø	2	1
PVA-02	B	16	345	50/40	3Ø	2	2
PVA-03	C	18	379	50/40	3Ø	2	3
PVA-04	D	21	610	65/50	3Ø	2	5
PVA-04	E	23	800	80/65	3Ø	2	5
PVA-05	F	24	840	80/65	3Ø	2	7.5
PVA-06	G	26	872	80/65	3Ø	2	10
PVA-07	I	36	1680	100/100	3Ø	2	15

## Performance curves



## Dimensional drawing, part drawing



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
PVA-01	350	428	748	320	47	120	156	231	173	36	79	140.6	168	139	39.9	37	190	222	258	222	259	17.9
PVA-02	350	428	753	325	47	120	156	231	173	36	79	140.6	168	139	39.9	37	190	222	258	222	259	17.9
PVA-03	350	428	784	356	47	120	156	231	173	36	79	140.6	168	139	39.9	37	190	222	258	222	259	17.9
PVA-04	350	428	820	334	61	140	179	258	195	47	91	155	178	130	58	35	190	220	259	220	259	16.1
PVA-05	350	428	870	390	75	160	192	258	257	61.6	109	179	203	150	71	34	192	290	262	229	262	15.7
PVA-06	350	428	870	390	75	160	192	258	257	61.6	109	179	203	150	71	34	192	290	262	229	262	15.7