



SELF-PRIMING CHEMICAL PUMP

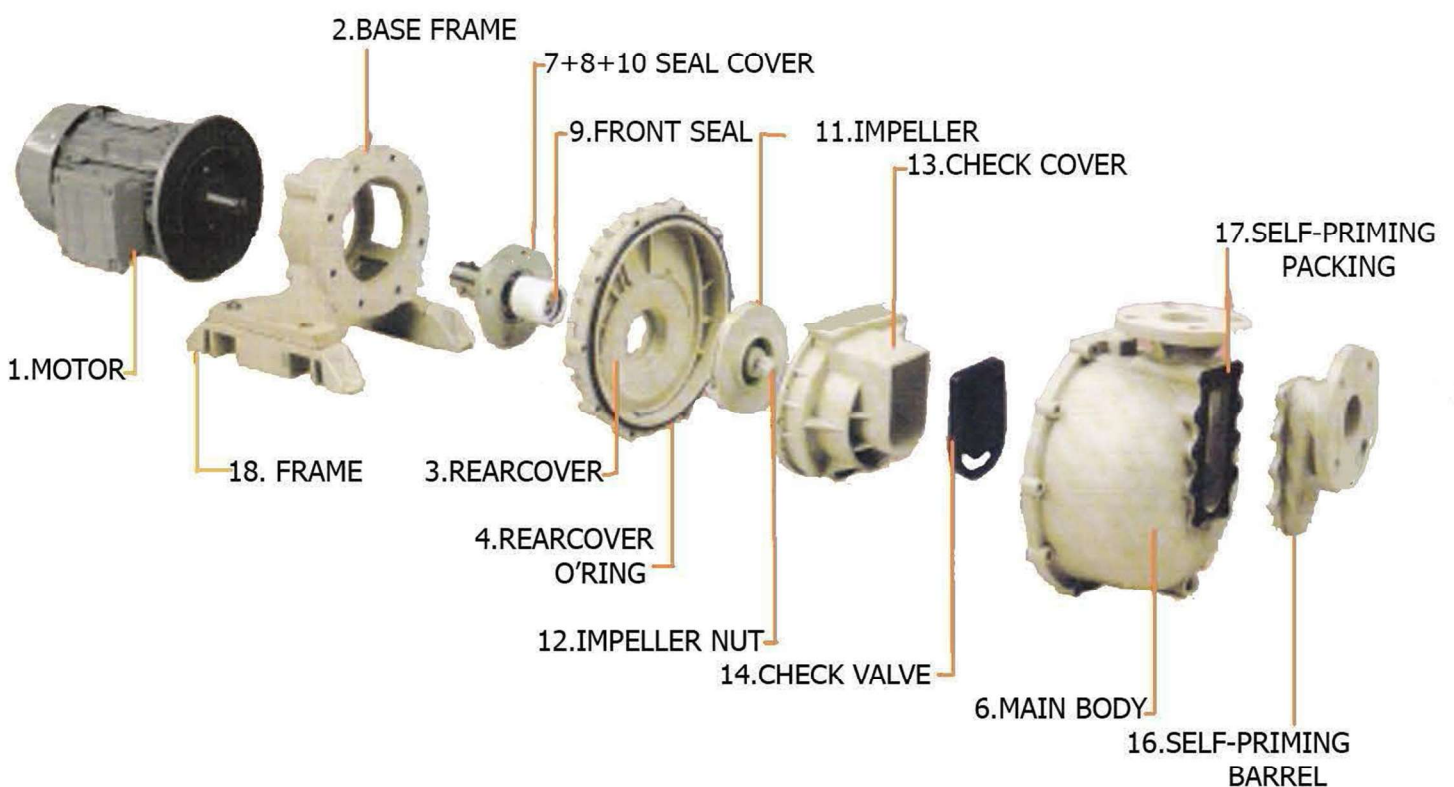
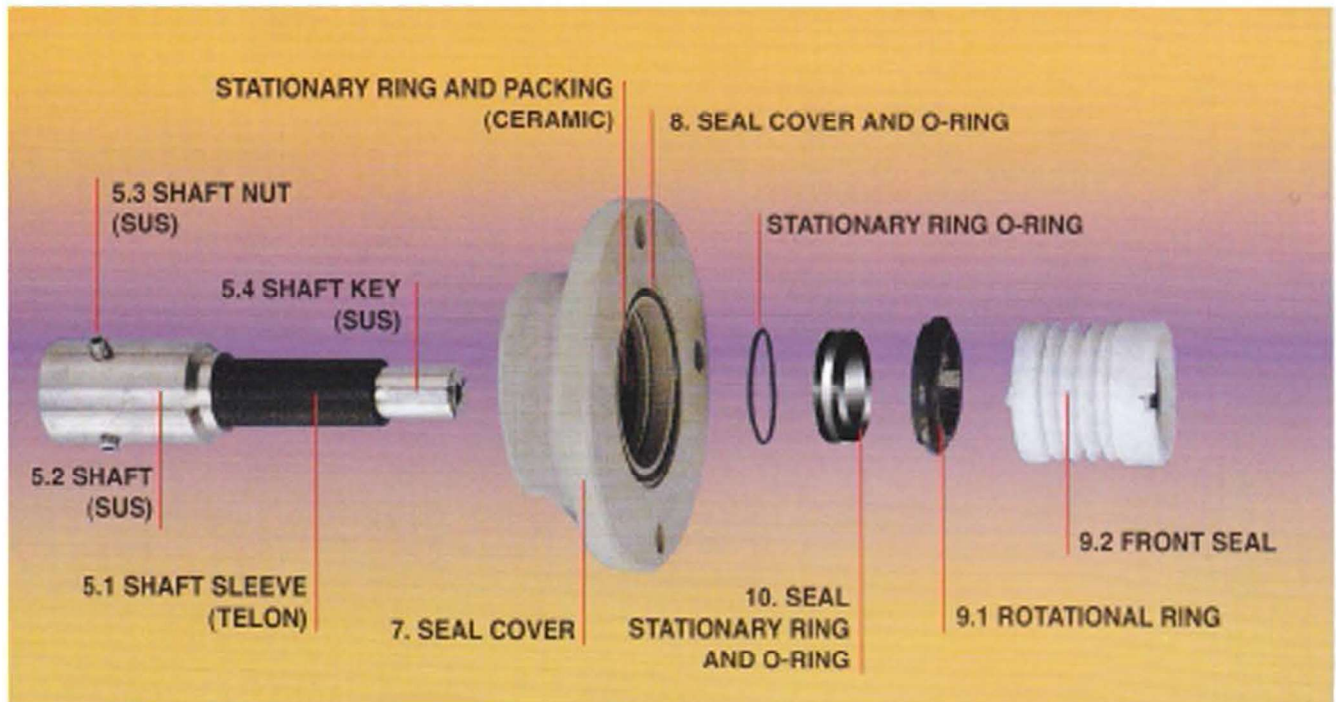
COAXIAL VACUUM ACID/ALKALINE PUMP

WT SERIES / WTB SERIES

OPERATION INSTRUCTION

CHEMICAL PUMP

A combination of theorem
and extensive experience.

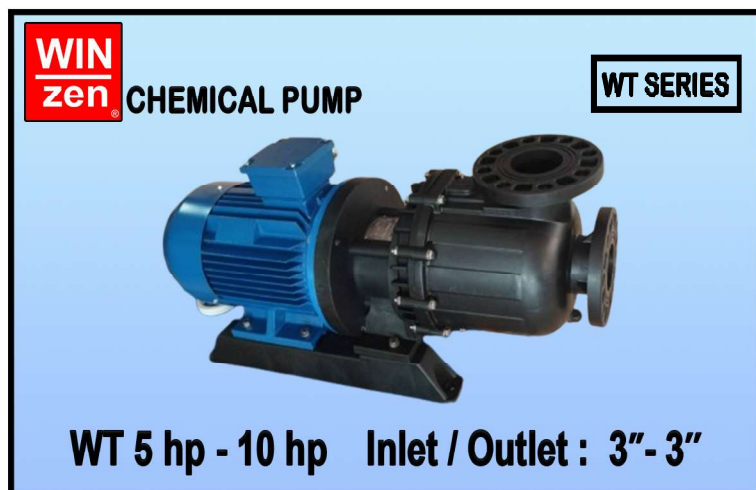
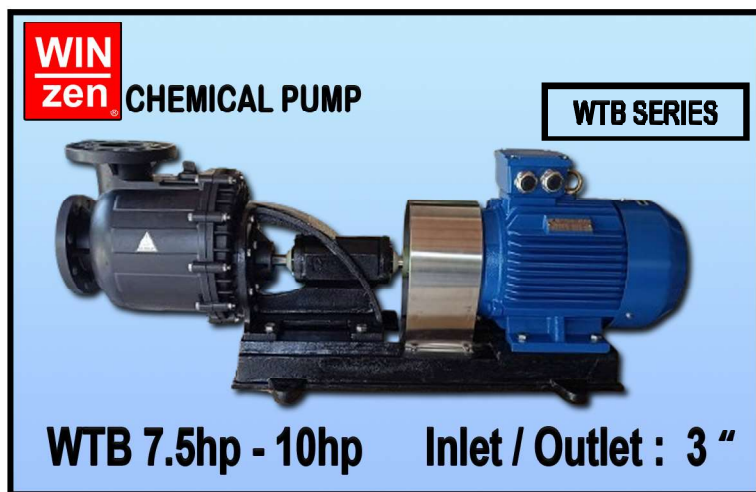




CHEMICAL PUMP

Self-Priming Pump

WT / WTB	40	02	2	E	A	L	S	C	H
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
WT/WTB-TYPE		IN-OUTLET		POWER		POLE		RUBBER MATERIAL	
WT/WTB - MATERIAL FRPP		40-11/2"		11-1 Ø 1/2HP		2-2P		E-EPDM	
WTC/WTBC - MATERIAL CFRPP		50-2"		13-3 Ø 1/2HP		4-4P		V-VITON	
WTP/CTBP - MATERIAL PVDF		75-3"		01-3 Ø 1HP		07-3Ø 7.5HP			
				02-3 Ø 2HP		10-3 Ø 10HP			
6		7		8		9		10	
A-WITH CHECK-VALVE (INLET HIGHER THAN LIQUID LEVEL)		L-LOW HEAD H-HIGH HEAD		STATIONARY RING S-SIC		ROTATIONAL RING C-CARBON S-SIC		SPRING H-HASTELLOY-C S-SUS316	



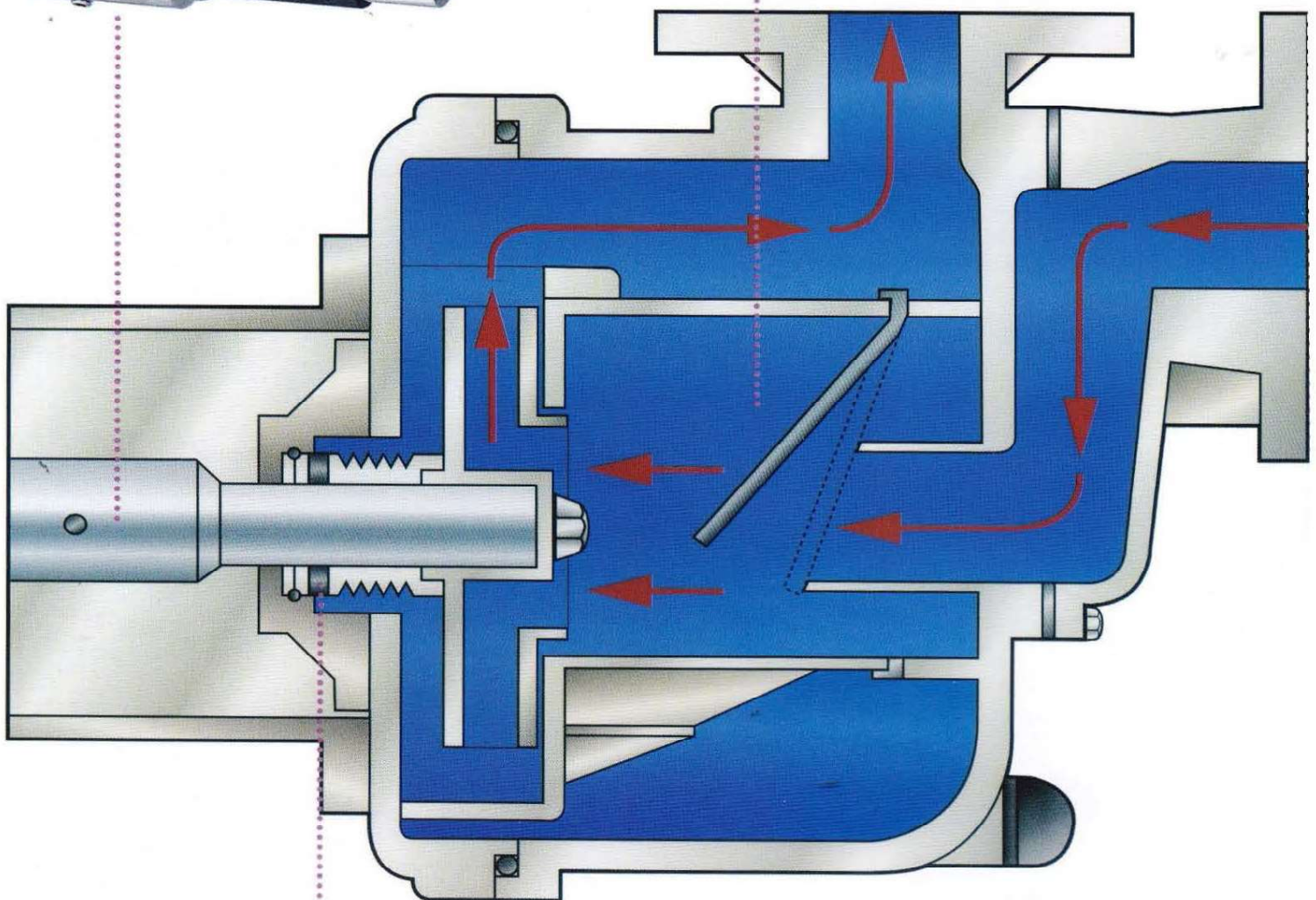
Superior quality of pump body.

One piece injected without welding.

- Stainless steel Shaft coated with teflon for corrosive fluid resistance.



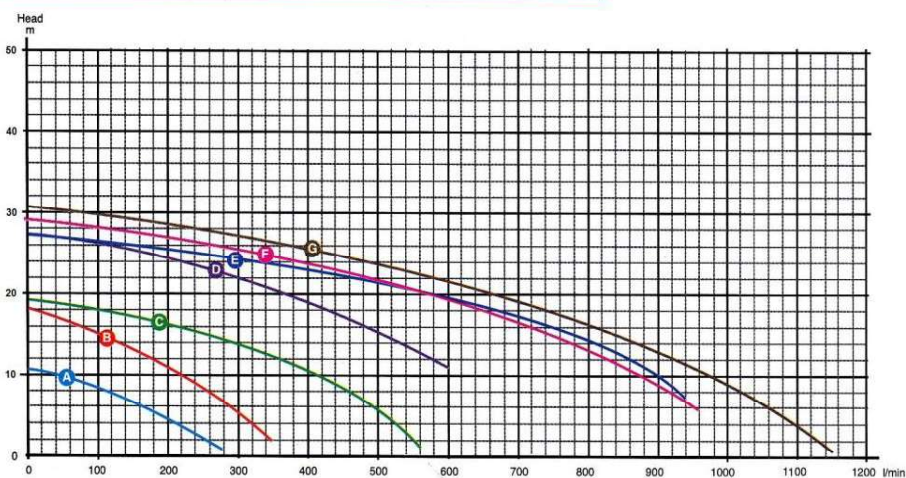
- Superior suction lifting capability up to 6 meters. To make pumping easier, a flap valve may install to keep the pump primed and also to prevent back flow when pump stop.



- High quality seal fully prevents external flushing problem.

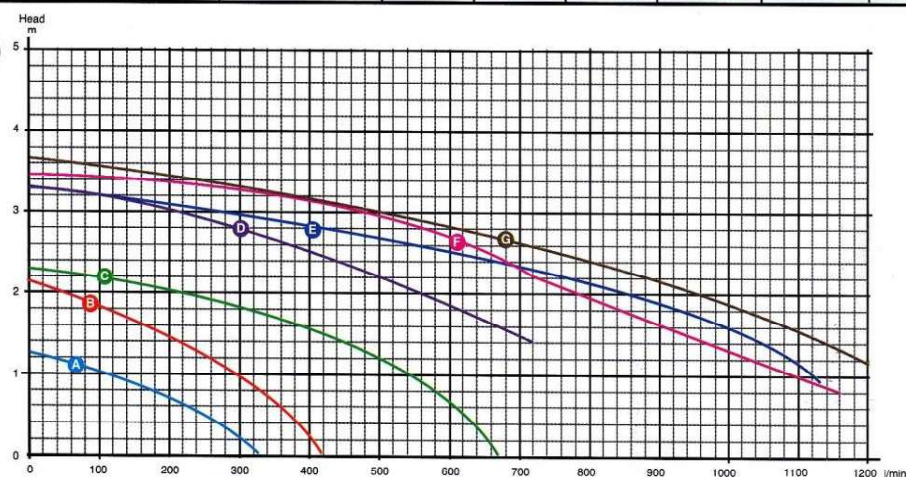
PERFORMANCE CURVE & SPECIFICATION TABLE

(50HZ)



TYPE	MODEL	CURVES NO.	IN-OUTLET DIMENSION (M/M)	MOTOR			HEAD (M)	CAPACITY (L/MIN)	MAX HEAD M	MAX CAPACITY L/MIN
				PHASE	POLARITY	HP				
WT	40012H	A	40/40	3Ø	2	1	6	150	11	280
WT	40022H	B	40/40	3Ø	2	2	10	230	18	350
WT	50032H	C	50/50	3Ø	2	3	13	350	19	560
WT/WTB	50052H	D	50/50	3Ø	2	5	22	350	27	600
WT/WTB	75052H	E	75/75	3Ø	2	5	21	550	27	940
WTB	75072H	F	75/75	3Ø	2	7½	20	580	29	980
WTB	75102H	G	75/75	3Ø	2	10	20	660	30	1150

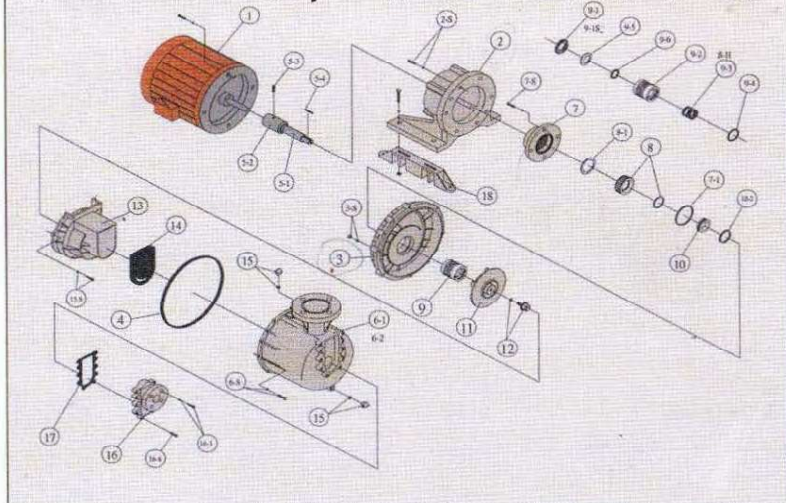
(60HZ)



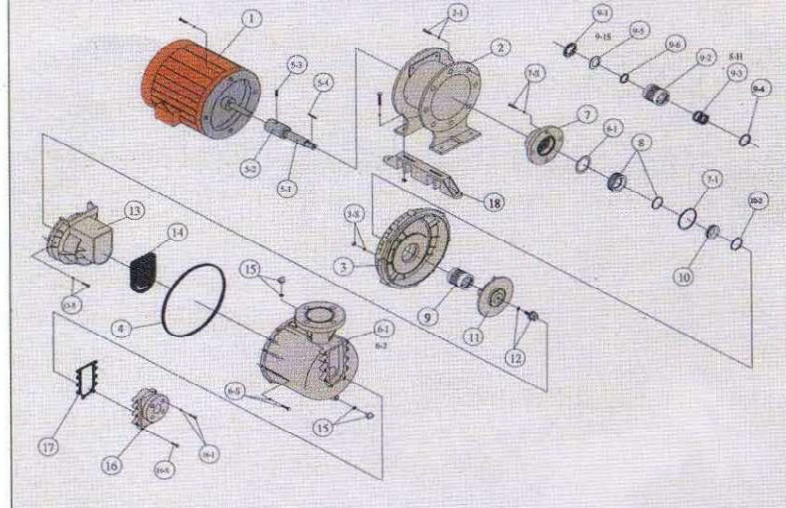
TYPE	MODEL	CURVES NO.	IN-OUTLET DIMENSION (M/M)	MOTOR			HEAD (M)	CAPACITY (L/MIN)	MAX HEAD M	MAX CAPACITY L/MIN
				PHASE	POLARITY	HP				
WT	40012H	A	40/40	3Ø	2	1	8	180	13	336
WT	40022H	B	40/40	3Ø	2	2	12	280	22	420
WT	50032H	C	50/50	3Ø	2	3	18	330	23	670
WT/WTB	50052H	D	50/50	3Ø	2	5	24	420	33	720
WT/WTB	75052H	E	75/75	3Ø	2	5	25	600	33	1120
WTB	75072H	F	75/75	3Ø	2	7½	22	660	35	1160
WTB	75102H	G	75/75	3Ø	2	10	24	780	37	1380

WT / WTP SERIES CONSTRUCTION

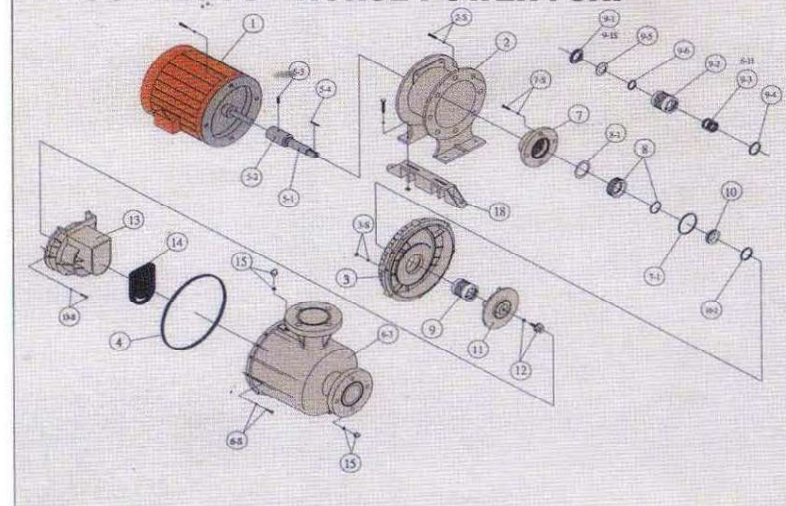
IN-OUTLET : 1 1/2", 2" HORSE POWER: 1/2 -3HP



IN-OUTLET : 2" HORSE POWER : 5HP

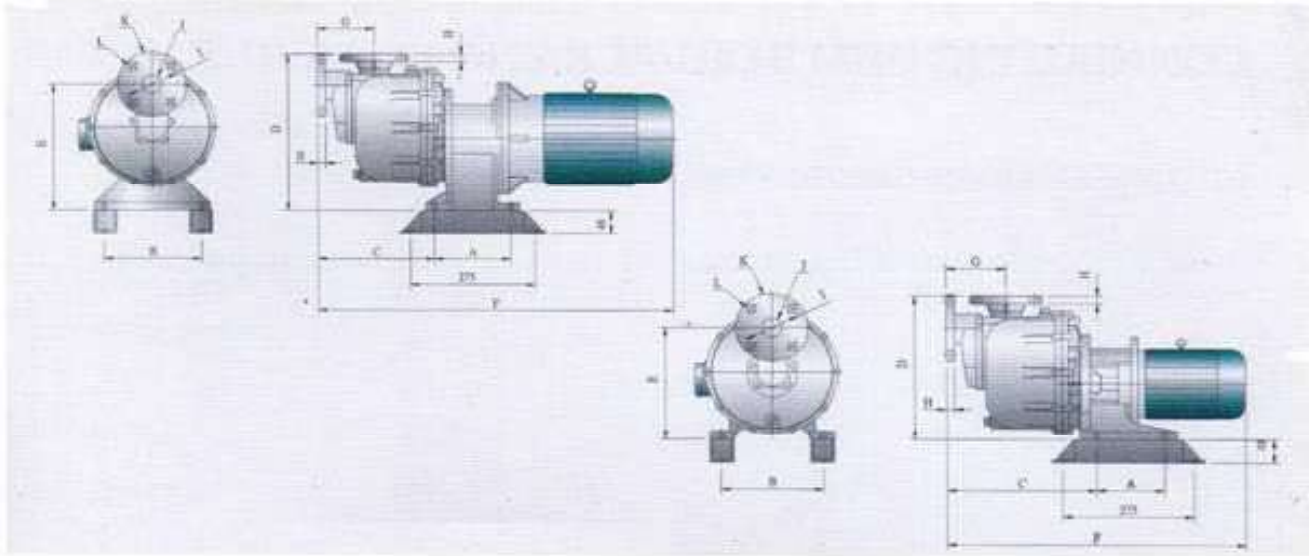


IN-OUTLET : 3" HORSE POWER : 5HP



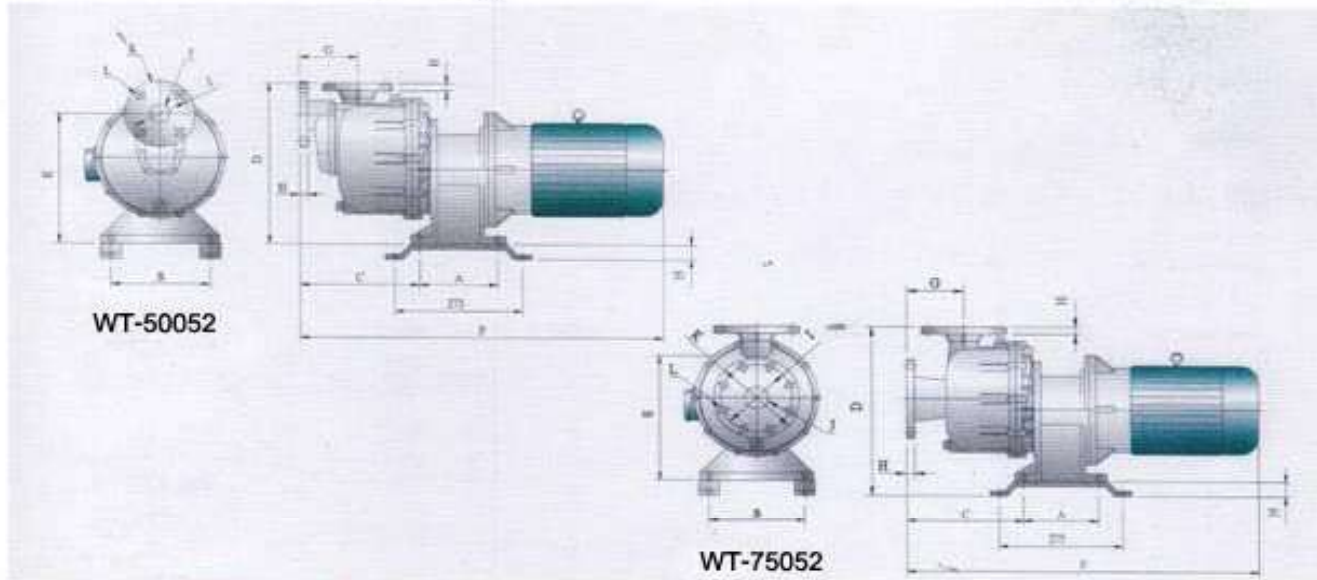
NO.	DESCRIPTION	MATERIAL
1	MOTOR	
2	BASE FRAME	FC, FRPP
3	REAR COVER	FRPP, CFRPP, PVDF
4	REAR COVER O-RING	EPDM, VITON
5-1	SHAFT SLEEVE	TEFLON
5-2	SHAFT	SUS
5-3	SHAFT NUT	SUS
5-4	SHAFT KEY	SUS
6	MAIN BODY	FRPP, CFRPP, PVDF
7	SEAL COVER AND O-RING	FRPP, CFRPP, PVDF/EPDM, VITON
8	STATIONARY RING AND O-RING	PPS, PVDF, EPDM, VITON
9	FRONT SEAL	TEFLON
9-1	ROTATIONAL RING	CARBON, SIC
9-2	TEFLON BELLOWS	TEFLON
9-3	SPRING	SUS, HC
9-4	FRONT O-RING	EPDM, VITON
9-5	PACKING	EPDM, VITON
9-6	REAR O-RING	EPDM, VITON
10	SEAL STATIONARY RING AND O-RING	SIC EPDM, VITON
11	IMPELLER	FRPP, CFRPP, PVDF
12	IMPELLER NUT AND O-RING	FRPP, PVDF, EPDM, VITON
13	CHECK COVER	FRPP, CFRPP, PVDF
13S	CHECK COVER NUT	SUS
14	CHECK VALVE	EPDM, VITON, TEFLON
15	WATER FILLING CAP AND O-RING	FRPP, CFRPP, PVDF, EPDM, VITON
16	SELF-PRIMING BARREL	FRPP, CFRPP, PVDF
16S	SELF-PRIMING BARREL NUT AND O-RING	FRPP, PVDF EPDM, VITON
17	SELF-PRIMING PACKING	EPDM, VITON
18	FRAME	FRPP

Dimension Drawing



MODEL	A	B	C	D	E	F	G	H	H ₂	I	J	K	L
WT-40011	145	210	320	320	250	640	135	16	12	105	43	140	20
WT-40012	145	210	320	320	250	640	135	16	12	105	43	140	20
WT-40014	145	210	320	320	250	640	135	16	12	105	43	140	20
WT-40022	145	210	320	320	250	660	135	16	12	105	43	140	20
WT-50032	145	210	320	320	250	710	135	16	14	120	50	155	20

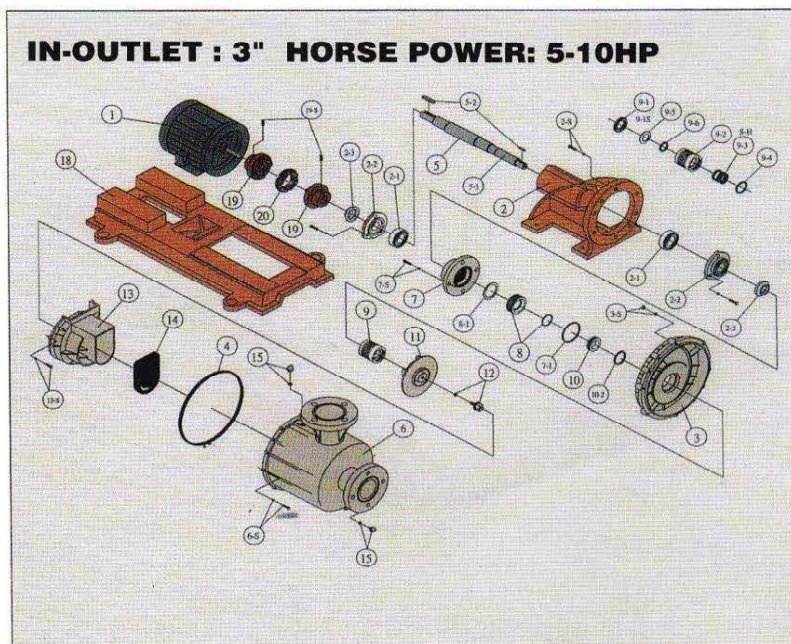
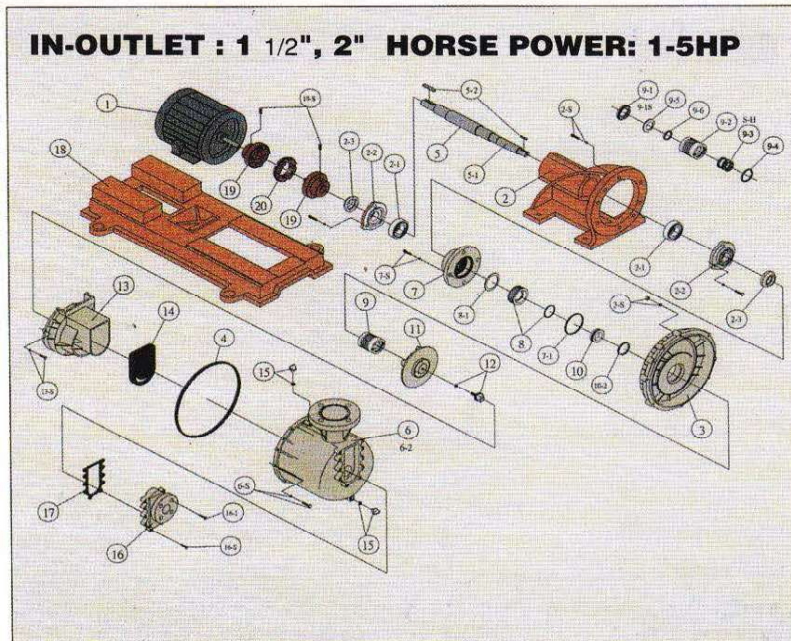
Dimension Drawing



DIMENSION TABLE

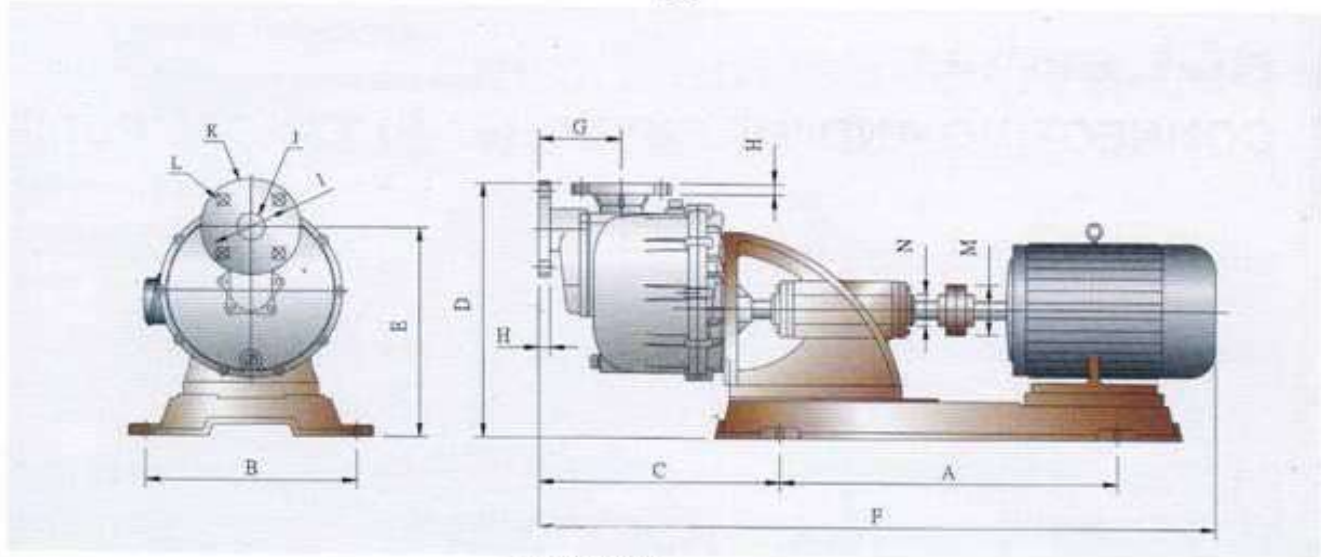
MODEL	A	B	C	D	E	F	G	H	H ₂	I	J	K	L
WT-50052	170	200	265	360	280	760	135	18	14	120	50	155	20
WT-75052	170	200	305	375	180	800	120	18	14	145	75	180	20

WTB/WTBP SERIES CONSTRUCTION

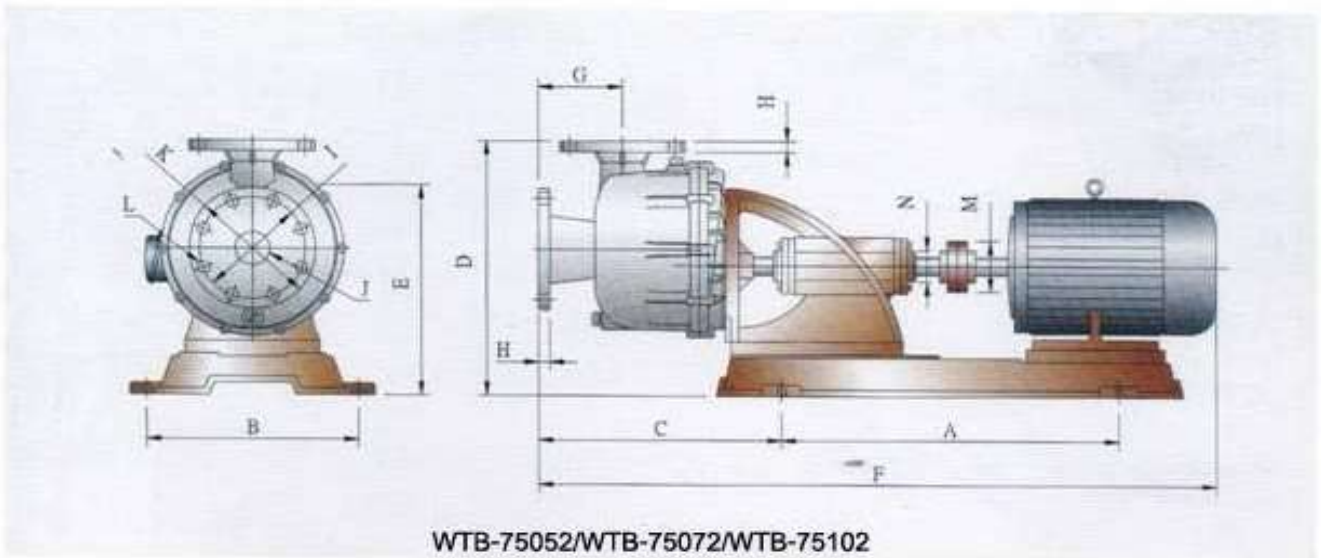


NO	DESCRIPTION	MATERIAL
1	MOTOR	
2	BASE FRAME	FC, FRPP
3	REAR COVER	FRPP, CFRPP, PVDF
4	REAR COVER O-RING	EPDM, VITON
5-1	SHAFT SLEEVE	TEFLON
5-2	SHAFT	SUS
5-3	SHAFT NUT	SUS
5-4	SHAFT KEY	SUS
6	MAIN BODY	FRPP, CFRPP, PVDF
7	SEAL COVER AND O-RING	FRPP, CFRPP, PVDF/EPDM, VITON
8	STATIONARY RING AND O-RING	PPS, PVDF, EPDM, VITON
9	FRONT SEAL	TEFLON
9-1	ROTATIONAL RING	CARBON, SIC
9-2	TEFLON BELLOWS	TEFLON
9-3	SPRING	SUS, HC
9-4	FRONT O-RING	EPDM, VITON
9-5	PACKING	EPDM, VITON
9-6	REAR O-RING	EPDM, VITON
10	SEAL STATIONARY RING AND O-RING	SIC EPDM, VITON
11	IMPELLER	FRPP, CFRPP, PVDF
12	IMPELLER NUT AND O-RING	FRPP, PVDF, EPDM, VITON
13	CHECK COVER	FRPP, CFRPP, PVDF
13S	CHECK COVER NUT	SUS
14	CHECK VALVE	EPDM, VITON, TEFLON
15	WATER FILLING CAP AND O-RING	FRPP, CFRPP PVDF/EPDM, VITON
16	SELF-PRIMING BARREL	FRPP, CFRPP, PVDF
16S	SELF-PRIMING BARREL NUT AND O-RING	FRPP, PVDF/EPDM VITON
17	SELF-PRIMING PACKING	EPDM, VITON
18	FRAME	FC
19	COUPLING	FC
20	COUPLING RUBBER	EPDM

Dimension Drawing



WTB-50052



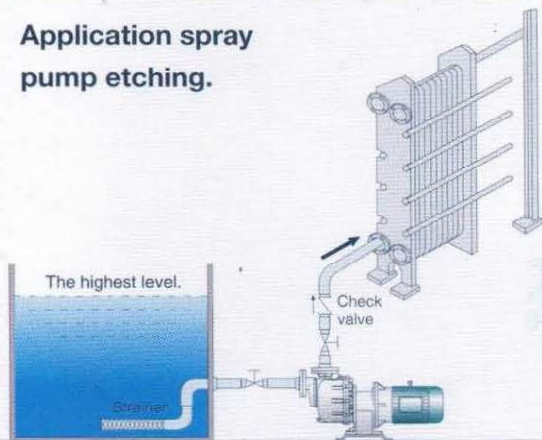
WTB-75052/WTB-75072/WTB-75102

DIMENSION TABLE

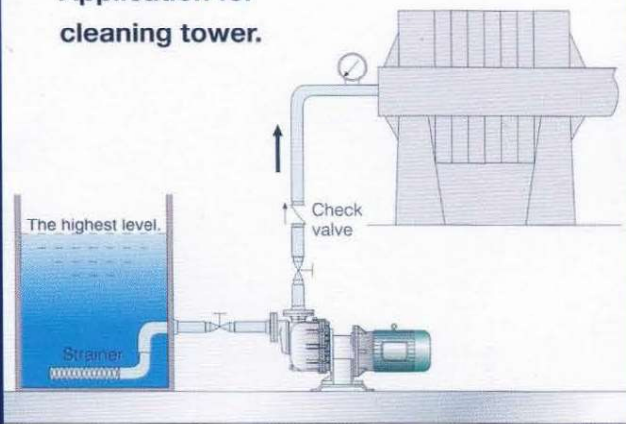
MODEL	A	B	C	D	E	F	G	H	H ₂	I	J	K	L	M	N
WTB-50052H	500	310	360	390	310	1050	135	18	14	120	50	155	20	82	52
WTB-75052H	500	310	400	400	210	1095	120	18	14	145	75	180	20	82	52
WTB-75072H	530	340	405	425	230	1110	120	18	14	145	75	180	20	127	69
WTB-75102H	530	340	405	425	230	1110	120	18	14	145	75	180	20	127	69

Pump Application Examples

Application spray pump etching.



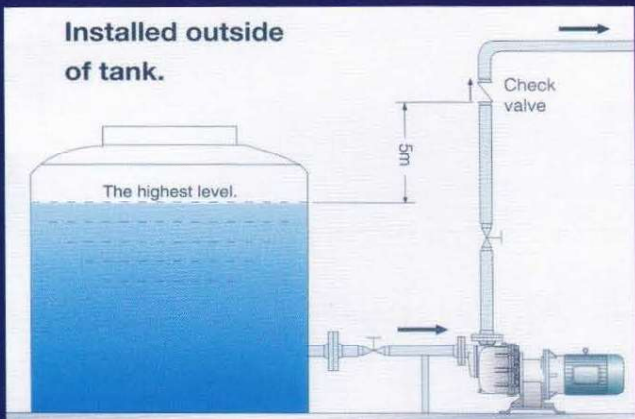
Application for cleaning tower.



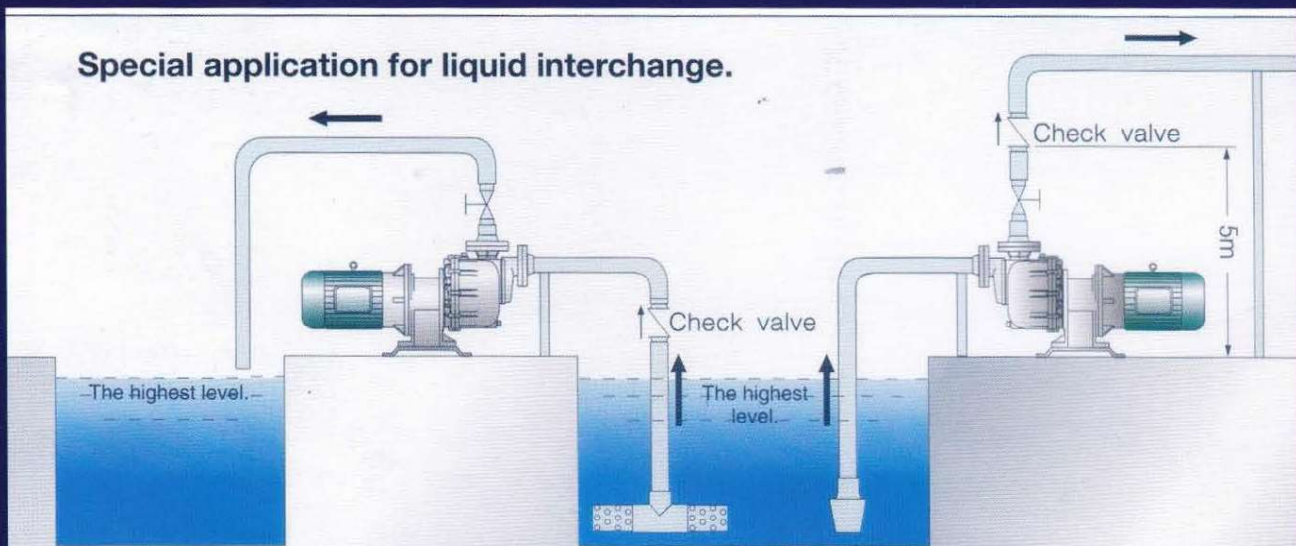
For cleaning waste gas.



Installed outside of tank.



Special application for liquid interchange.



TYPICAL APPLICATIONS

- Chemical industry.
- Waste water treatment industry
- Pulp and paper making industry
- Textile industry
- Pharmaceutical industry
- Dyeing industry
- PCB and electronic industry
- Plating industry