



SELF - PRIMING CHEMICAL PUMP

FD Series

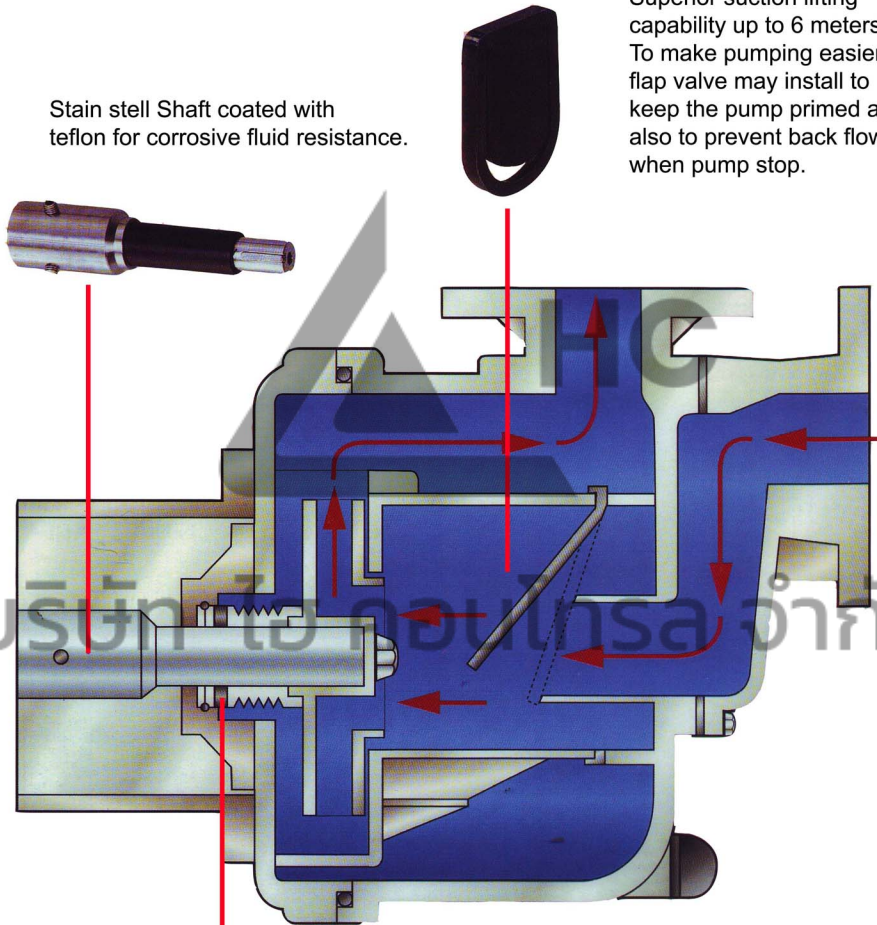


FiltioN Pump

Superior quality of pump body. One piece injected without welding.

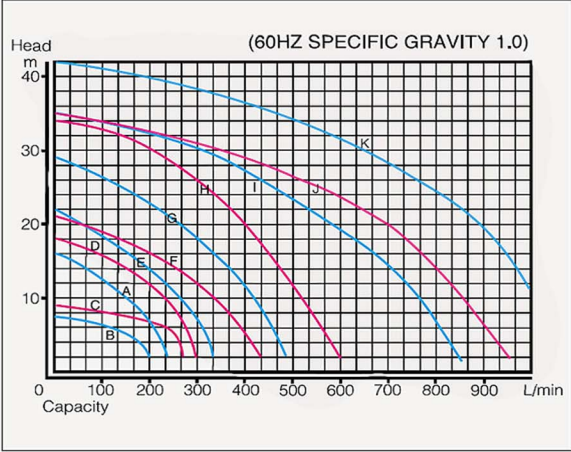
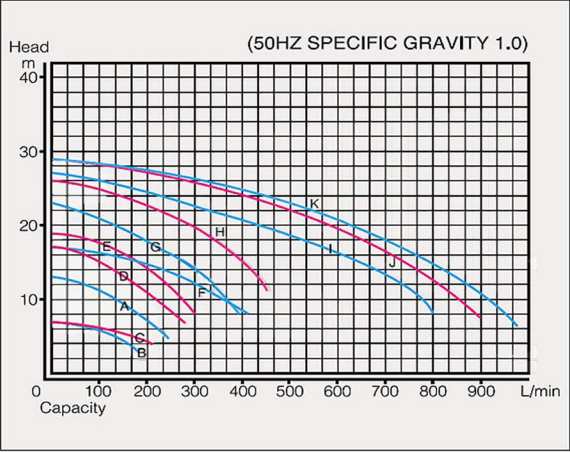
Stain stell Shaft coated with
teflon for corrosive fluid resistance.

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.



The unique teflon bellows seal desing collocates
with variousmaterial of parts, Carbon, SIC, Ceramic,
Hestelloy-C, canwithstand various chemicals and particle.

PERFORMANCE CURVE

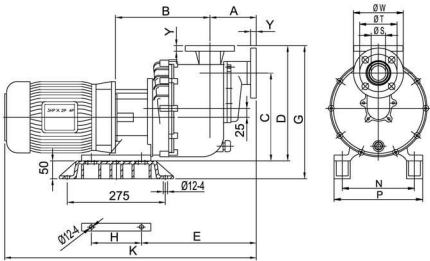


Specification table

(50Hz)		(SPECIFIC GRAVITY 1.0)									
TYPE	MODEL	CURVES NO.	IN-OUTLET DIMENSION (M/M)	MOTOR			HEAD(M)	CAPACITY (L/MIN)	MAX HEAD M	MAX CAPACITY L/MIN	WEIGHT KG
				PHASE	POLARITY	HP					
FD	40011L	B	40/40	1 ϕ	4	0.5	5	135	7	185	27
FD	40012L	A	40/40	3 ϕ	2	1	6	220	13	240	26
FD	40013L	B	40/40	3 ϕ	4	0.5	5	135	7	185	27
FD/FL	40014L	C	40/40	3 ϕ	4	1	5	150	7	210	29/45
FD/FL	40022L	D	40/40	3 ϕ	2	2	10	215	17	280	30/53
FD/FL	40022H	E	40/40	3 ϕ	2	2	12	230	19	300	34/54
FD/FL	50032L	F	50/50	3 ϕ	2	3	12	300	17	410	38/74
FD/FL	50032H	G	50/50	3 ϕ	2	3	14	300	23	390	42/75
FD/FL	50052H	H	50/50	3 ϕ	2	5	15	400	26	450	54/93
FD/FL	75052H	I	75/75	3 ϕ	2	5	20	430	27	800	96
FL	75072H	J	75/75	3 ϕ	2	7.5	20	580	29	900	112
FL	75102H	K	75/75	3 ϕ	2	10	20	620	29	980	122

(60Hz)		(SPECIFIC GRAVITY 1.0)									
TYPE	MODEL	CURVES NO.	IN-OUTLET DIMENSION (M/M)	MOTOR			HEAD(M)	CAPACITY (L/MIN)	MAX HEAD M	MAX CAPACITY L/MIN	WEIGHT KG
				PHASE	POLARITY	HP					
FD	40011L	B	40/40	1 ϕ	4	0.5	5	150	7.5	200	27
FD	40012L	A	40/40	3 ϕ	2	1	10	150	16	240	26
FD	40013L	B	40/40	3 ϕ	4	0.5	5	150	7.5	200	27
FD/FL	40014L	C	40/40	3 ϕ	4	1	6	240	9	270	29/45
FD/FL	40022L	D	40/40	3 ϕ	2	2	10	230	18	300	30/53
FD/FL	40022H	E	40/40	3 ϕ	2	2	12	230	22	330	34/54
FD/FL	50032L	F	50/50	3 ϕ	2	3	12	300	21	430	38/74
FD/FL	50032H	G	50/50	3 ϕ	2	3	18	300	29	480	42/75
FD/FL	50052H	H	50/50	3 ϕ	2	5	20	400	34	600	54/93
FD/FL	75052H	I	75/75	3 ϕ	2	5	20	580	35	860	96
FL	75072H	J	75/75	3 ϕ	2	7.5	20	700	35	960	112
FL	75102H	K	75/75	3 ϕ	2	10	20	890	42	1000	122

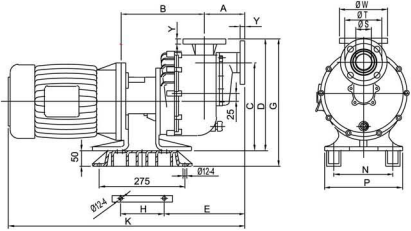
FD TYPE - DIMENSION (0.5HP - 3 HP)



FD TYPE - DIMENSION TABLE

(UNIT MM)														
model/instead no	A	B	C	D	E	G	H	K	N	P	S	T	W	Y
FD40011	130	255	245	325	315	374	140	676	205	250	40	105	140	16
FD40013	130	255	245	325	315	374	140	619	205	250	40	105	140	16
FD40012	130	265	245	325	315	374	140	625	205	250	40	105	140	16
FD40014	130	265	245	325	315	374	140	625	205	250	40	105	140	16
FD40022	130	265	245	325	315	374	140	704	205	250	40	105	140	16

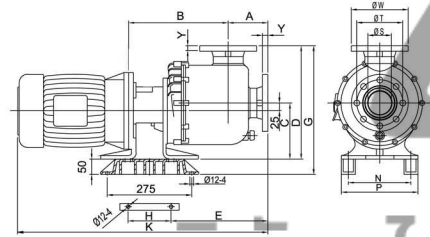
FD TYPE - DIMENSION (MODEL :50052) (MODEL :75052)



5002

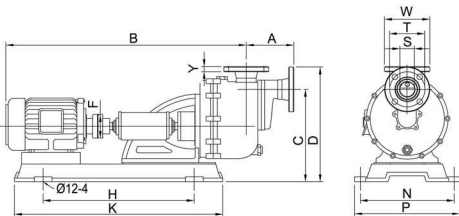
FD TYPE - DIMENSION GRAPH (MODEL :50052) (MODEL :75052)

(UNIT MM)														
model/instead no	A	B	C	D	E	G	H	K	N	P	S	T	W	Y
FD50052	125	290	295	362	260	390	160	770	190	250	50	118	154	17
FD75052	123	301	187	380	308	414	160	830	190	250	75	144	184	18



7502

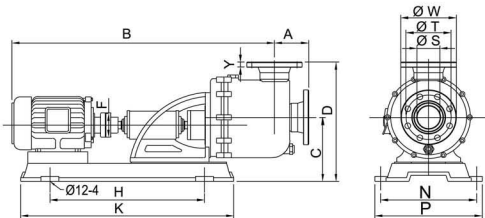
FL TYPE - DIMENSION (1/2HP ~ 3HP)



FL TYPE - DIMENSION TABLE

(UNIT MM)														
model/instead no	A	B	C	D	F	H	K	N	P	R	S	T	W	Y
FL40014L	128	830	312	390	82	515	710	320	360	17	40	105	140	16
FL40022L	128	830	312	390	82	515	710	320	360	17	40	105	140	16
FL40022H	128	830	312	390	82	515	710	320	360	17	40	105	140	16
FL50032L	128	830	313	390	82	515	710	320	360	17	50	120	155	17
FL50032H	128	830	313	390	82	515	710	320	360	17	50	120	155	17
FL50052H	128	830	313	390	82	515	710	325	360	17	50	120	155	17

FL TYPE - DIMENSION (MODEL :50052) (MODEL :75052)



FL TYPE - DIMENSION GRAPH (MODEL :50052) (MODEL :75052)

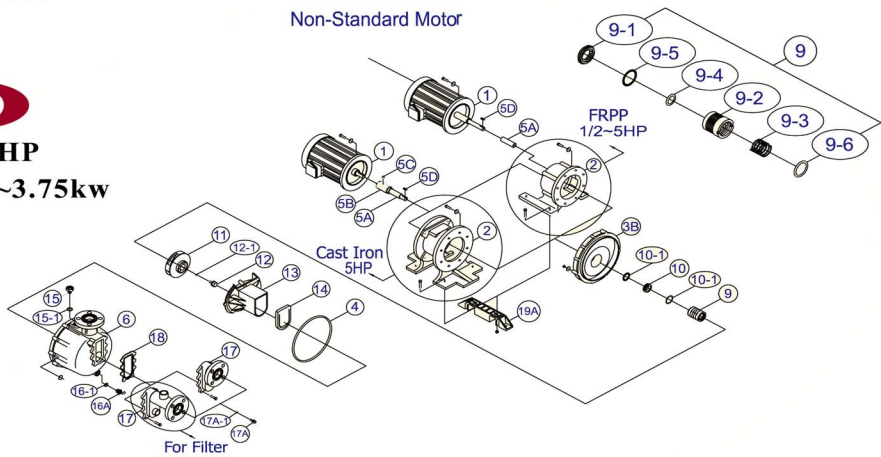
(UNIT MM)														
model/instead no	A	B	C	D	F	H	K	N	P	R	S	T	W	Y
FL75052H	123	935	224	410	82	515	710	326	362	17	75	145	185	18
FL75072H	123	1015	224	410	97	590	780	326	362	17	75	145	185	18
FL75102H	123	1015	224	410	97	590	780	326	362	17	75	145	185	18

CONSTRUCTION

FD

1/2~5HP

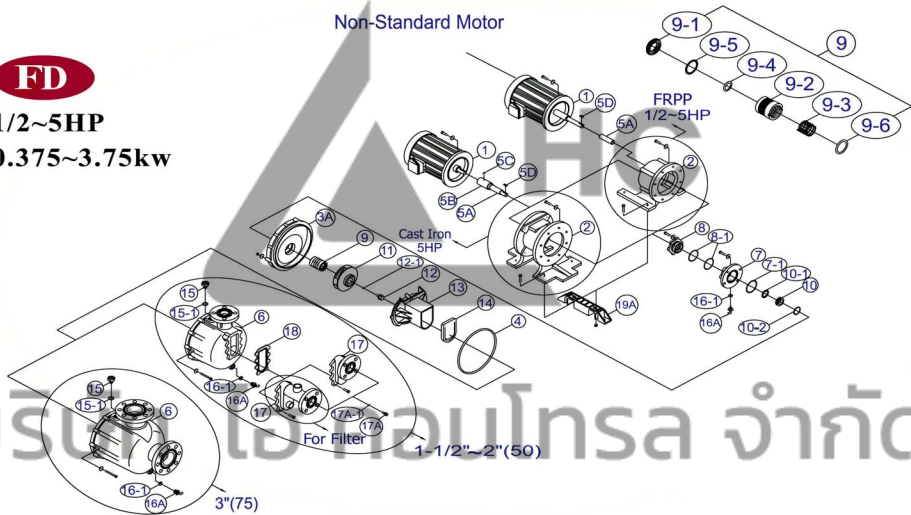
0.375~3.75kw



FD

1/2~5HP

0.375~3.75kw



FL

2~10HP

1.5~7.5kw

