

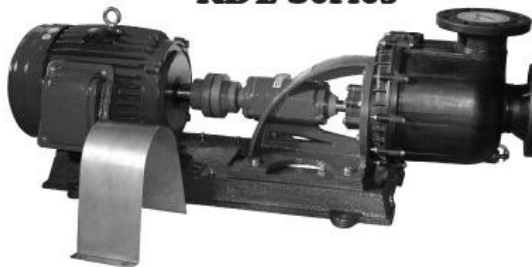
# **SCH** FRPP CHEMICAL SELF-PRIMING PUMPS

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**KD series**



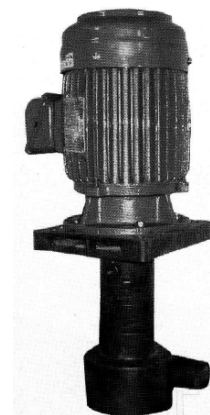
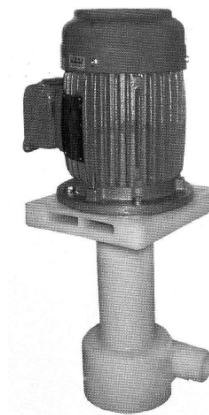
**KDL Series**



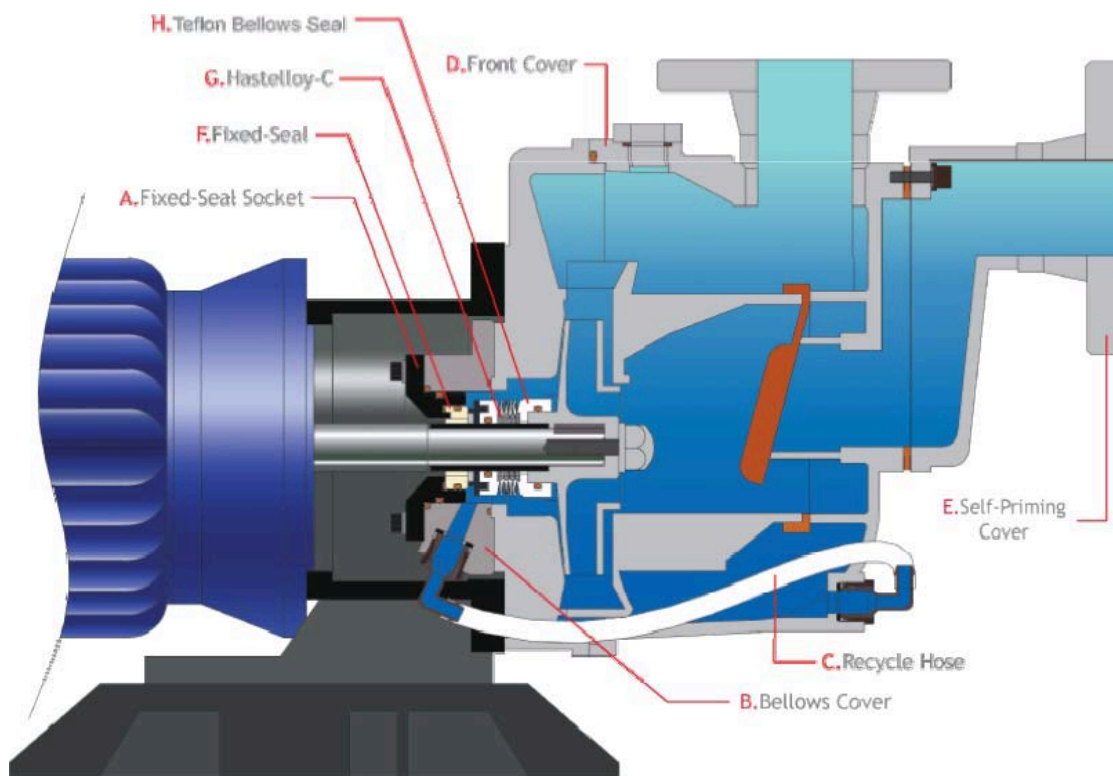
**SEB series**



**SE / SEF series**



*Applications: Widely use in waste water, chemical transfer plants, plating, scrubber  
This is pumps was design for low cost waste water and chemical transfer applications.....*



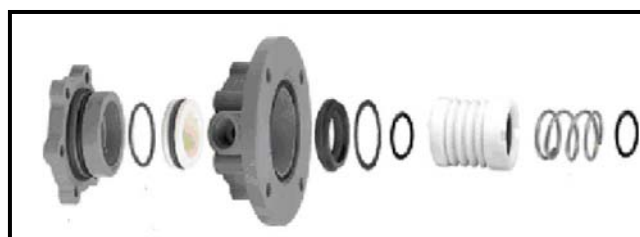
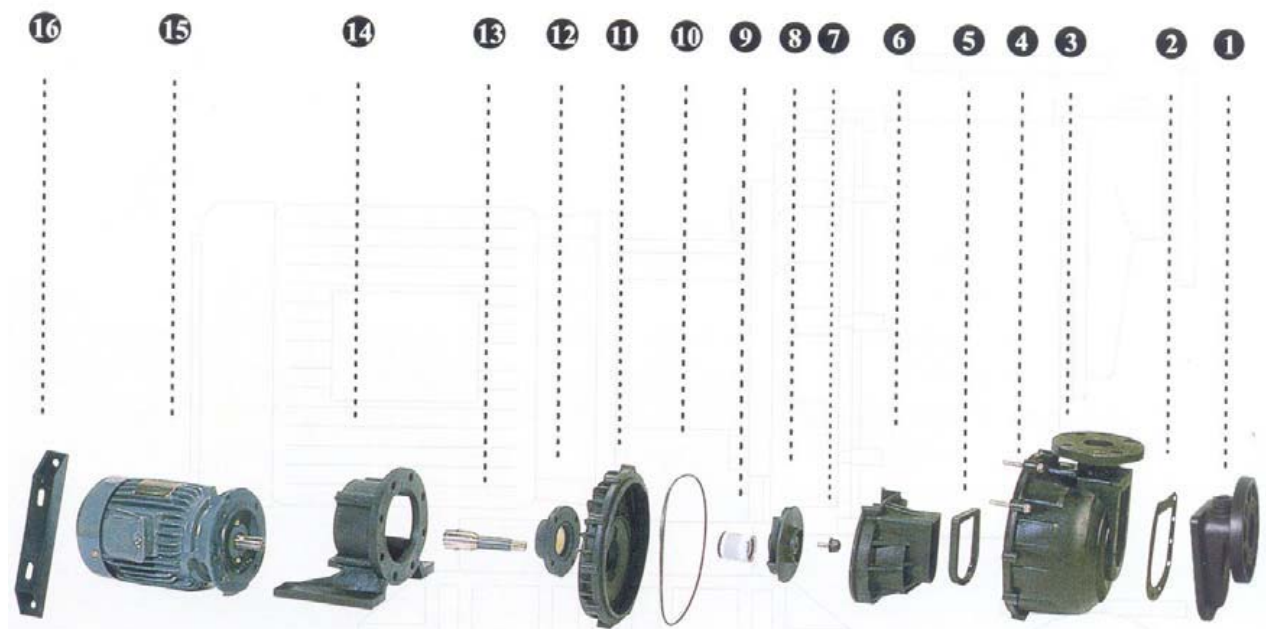
## Constructions:

### Features:

- Self Priming up to 20ft
- Build in with reliable Teflon bellow seal
- Working temperature up to 60 degree C
- Extended shaft is SS 316 which a Teflon sleeve is installed over the shaft to ensure no chemical contact with the metal portions.
- Common range of materials is FRPP & PVDF

### Applications:

- Waste water plant
- Transfer of chemical and dirty water
- Scrubber systems
- Recirculation's of chemical and acid or alkali
- Corrosive liquids handling transfer
- Acidic and caustic transfer
- Dirty water



**Mech seal drawing**

## Spare Part Drawing:

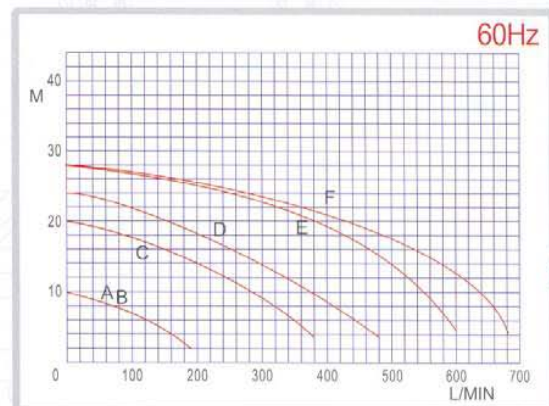
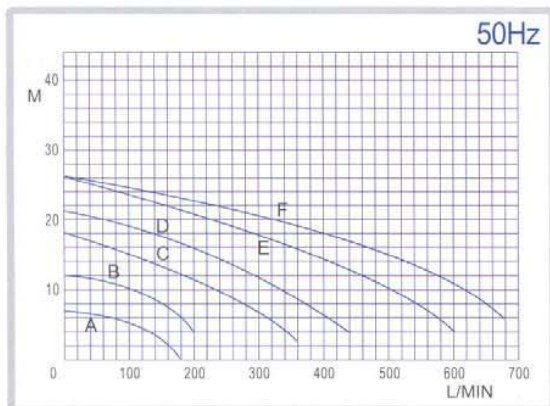
No.	DESCRIPTIONS
1	Suction Cover (FRPP / PVDF)
2	Suction Gasket (EPDM / VITON)
3	Housing ( FRPP / PVDF)
4	Bolt & Nuts
5	Rear Gasket (EPDM / VITON)
6	Casing (FRPP / PVDF)
7	Impeller Nut (FRPP / PVDF)
8	Impeller (FRPP / PVDF)
9	Teflon Bellow Seal
10	Rear Casing O'ring (EPDM / VITON)
11	Rear Casing ( FRPP / PVDF)
12	Rear Cover ( FRPP / PVDF)
13	Shaft Sleeve (SS304 / PTFE)
14	Foot Base (FRPP)
15	Motor

## Pump Curve: ( KD / KDF Series)

### ● KD TYPE (FRPP)



### ● KDF TYPE (PVDF)



Performance table

HZ	Model (KD/KDF)	Curve	Connection In/Out (m/m)	Motor			Head (M)	Flow (L/MIN)	Weight (KG)
				Phase	RPM	Power, hp			
50	4005	A	40X40	3 $\phi$	4	1/2	7	180	21
	4012	B	40X40	3 $\phi$	2	1	12	200	26
	4022	C	40X40	3 $\phi$	2	2	18	360	34
	5032	D	50X50	3 $\phi$	2	3	21	440	42
	5052	E	50X50	3 $\phi$	2	5	26	600	69
	7552	F	75X75	3 $\phi$	2	5	26	680	71
60	4005	A	40X40	3 $\phi$	4	1/2	10	190	21
	4012	B	40X40	3 $\phi$	2	1	10	190	26
	4022	C	40X40	3 $\phi$	2	2	20	380	34
	5032	D	50X50	3 $\phi$	2	3	24	480	42
	5052	E	50X50	3 $\phi$	2	5	28	600	69
	7552	F	75X75	3 $\phi$	2	5	28	680	71

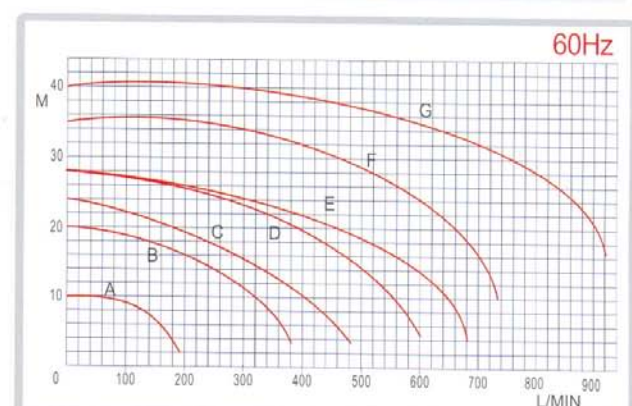
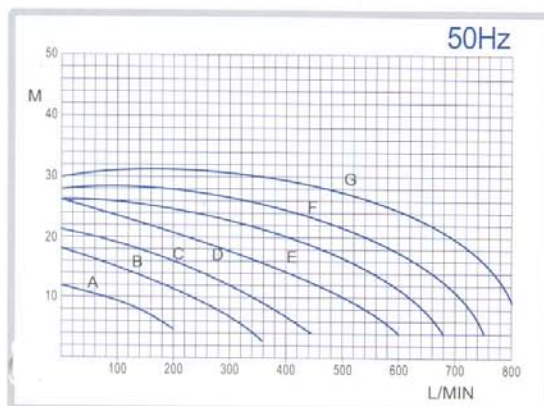


## Pump Curve: ( KDL / KDLF Series)

### ● KDL TYPE (FRPP)



### ● KDLF TYPE (PVDF)



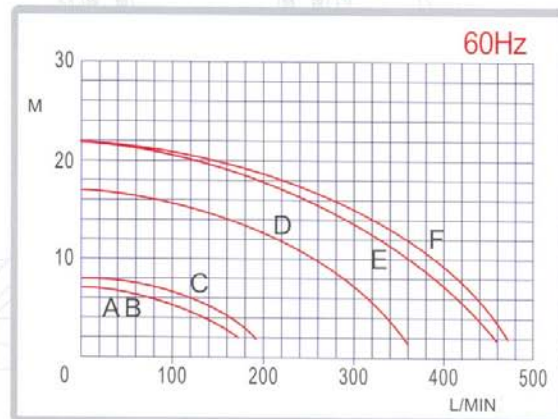
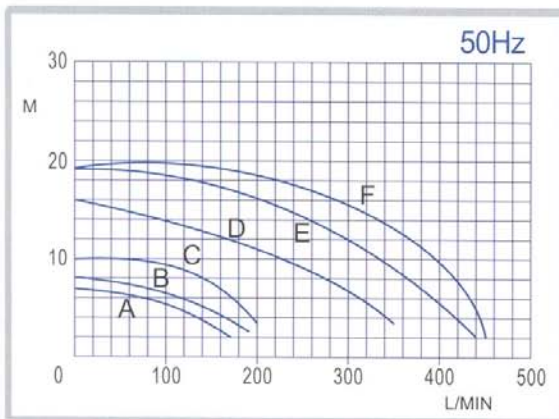
HZ	Model (KDL/KDLF)	Curve	Connection In/Out (m/m)	Motor			Head (M)	Flow (L/MIN)	Weight (KG)
				Phase	RPM	Power, hp			
50	4012	A	40X40	3 $\phi$	2	1	12	200	65
	4022	B	40X40	3 $\phi$	2	2	18	360	73
	5032	C	50X50	3 $\phi$	2	3	21	440	81
	5052	D	50X50	3 $\phi$	2	5	26	600	95
	7552	E	75X75	3 $\phi$	2	5	26	680	100
	7572	F	75X75	3 $\phi$	2	7 1/2	28	750	116
	75102	G	75X75	3 $\phi$	2	10	30	800	122
60	4012	A	40X40	3 $\phi$	2	1	10	190	65
	4022	B	40X40	3 $\phi$	2	2	20	380	73
	5032	C	50X50	3 $\phi$	2	3	24	480	81
	5052	D	50X50	3 $\phi$	2	5	28	600	95
	7552	E	75X75	3 $\phi$	2	5	28	680	100
	7572	F	75X75	3 $\phi$	2	7 1/2	35	730	116
	75102	G	75X75	3 $\phi$	2	10	40	920	122

## Pump Curve: ( NAC / NACF Series)

### ● NAC TYPE



### ● NAC TYPE



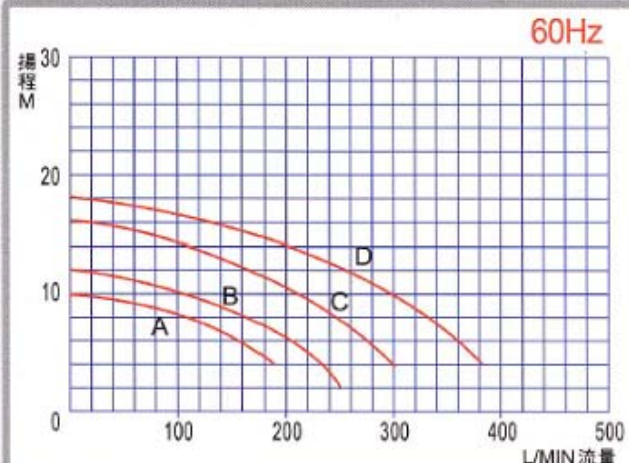
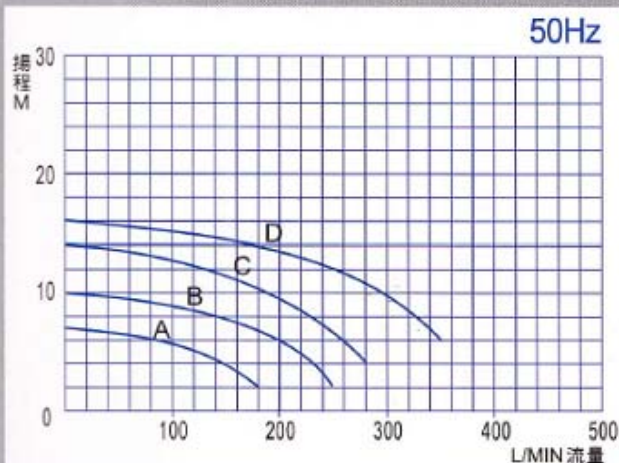
HZ	Type (NAC/NACF)		Curves	In/Out (m/m)	Motor			Head (M)	Flow (L/MIN)	Weight (KG)	
	Union	Flange			Phase	RPM	Power, hp				
50	2505		A	25X25	3 $\phi$	4	1/2	7	170	16.5	
		4005	B	40X40	3 $\phi$	4	1/2	8	190		17.1
	4012	4012	C	40X40	3 $\phi$	2	1	10	200	21.8	22.4
	4022	4022	D	40X40	3 $\phi$	2	2	16	350	28.8	29.5
	4032		E	40X40	3 $\phi$	2	3	19	440	31.3	
		5032	F	50X50	3 $\phi$	2	3	19	450		32
60	2505		A	25X25	3 $\phi$	4	1/2	7	170	16.5	
		4005	B	40X40	3 $\phi$	4	1/2	7	170		17.1
	4012	4012	C	40X40	3 $\phi$	2	1	8	190	21.8	22.4
	4022	4022	D	40X40	3 $\phi$	2	2	17	360	28.8	29.5
	4032		E	40X40	3 $\phi$	2	3	22	460	31.3	
		5032	F	50X50	3 $\phi$	2	3	22	470		32

## PUMP CURVE: (SE/ SEF Series)

● SE TYPE (FRPP)



● SEF TYPE (PVDF)



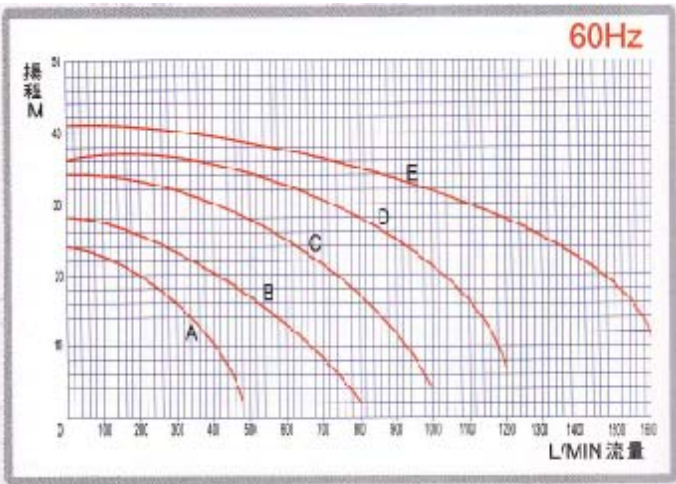
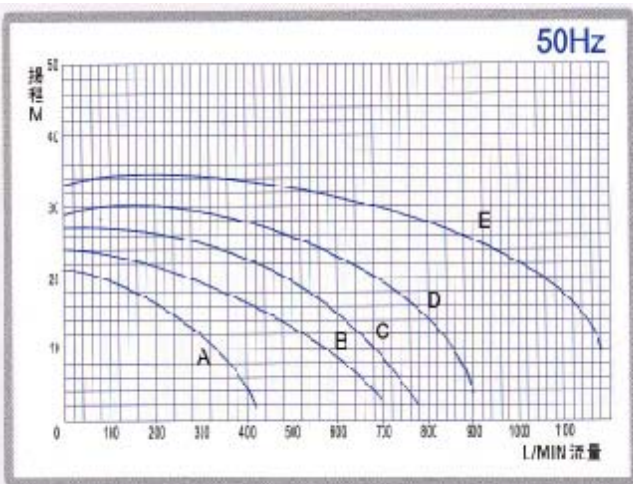
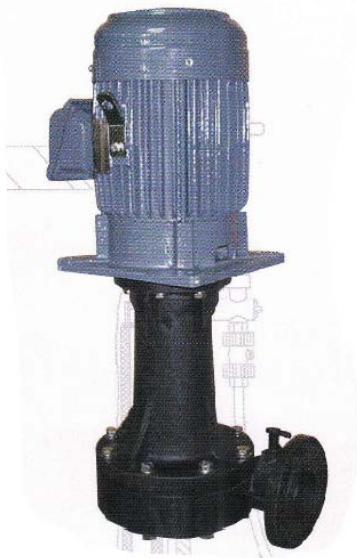
規格表

Hz	機型規格 (SE/SEF)	曲線代號	入口X出口 口徑(m/m)	動力			全揚程 (M)	全流量 (L/MIN)	重量 (KG)
				相數	級數	馬力			
50	1/2	A	50x25	3φ	4	1/2	7	180	16
	1	B	50x40	3φ	2	1	10	250	21
	2	C	50x40	3φ	2	2	14	280	28
	3	D	50x40	3φ	2	3	16	350	31
60	1/2	A	50x25	3φ	4	1/2	10	190	16
	1	B	50x40	3φ	2	1	12	250	21
	2	C	50x40	3φ	2	2	16	300	28
	3	D	50x40	3φ	2	3	18	380	31



Pump Curve: (SEB Series)

● SEB TYPE (FRPP)



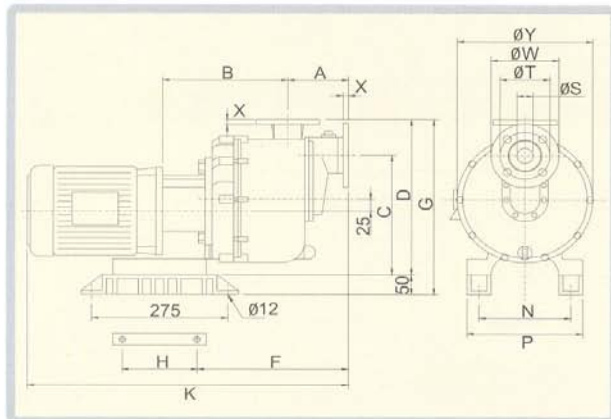
規格表

HZ	機型規格 (SEB)	曲線代號	入口×出口 口徑(m/m)	動力			全揚程 (M)	全流量 (L/MIN)	重量 (KG)
				相數	級數	馬力			
50	3	A	50X50	3φ	2	3	21	420	46
	5	B	65X65	3φ	2	5	24	700	60.5
	7 1/2	C	75X75	3φ	2	7 1/2	27	780	92.5
	10	D	75X75	3φ	2	10	29	900	110.5
	15	E	100X100	3φ	2	15	33	1180	123.5
60	3	A	50X50	3φ	2	3	24	480	46
	5	B	65X65	3φ	2	5	28	800	60.5
	7 1/2	C	75X75	3φ	2	7 1/2	34	1000	92.5
	10	D	75X75	3φ	2	10	36	1200	110.5
	15	E	100X100	3φ	2	15	41	1600	123.5

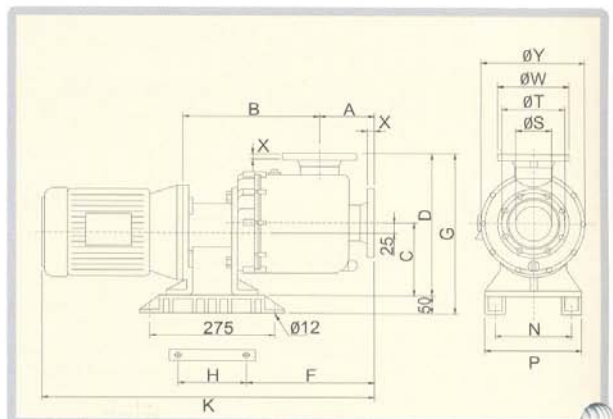


## Dimension Drawing:

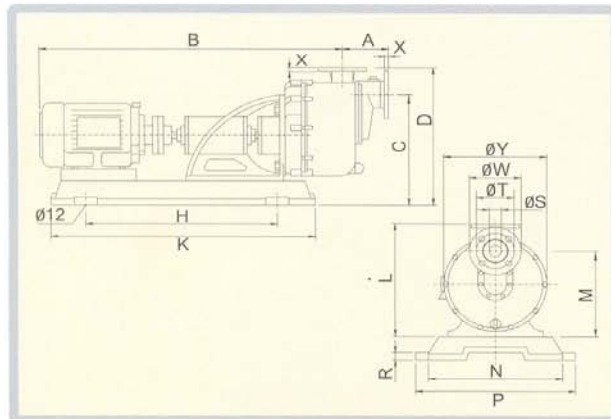
### KD-4005~5052



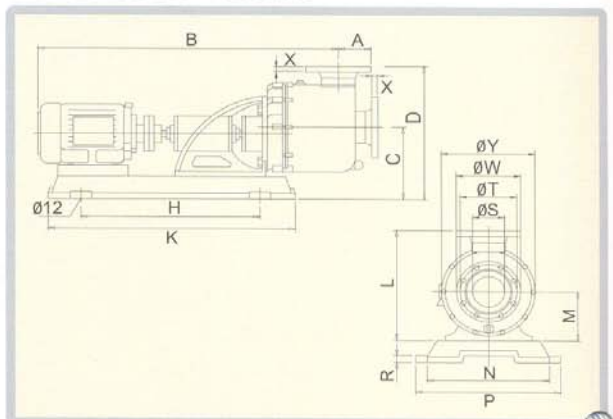
### KD-7552



### KDL-4012~5052



### KDL-7552~75102



KD

Model	A	B	C	D	F	G	H	K	N	P	S	T	W	X	Y
KD-4005	130	255	245	325	325	375	140	625	210	265	40	102	140	16	293
KD-4012	130	265	254	325	325	375	140	635	210	265	40	102	140	16	293
KD-4022	130	265	254	325	325	375	140	715	210	265	40	102	140	16	293
KD-5032	130	265	254	325	325	375	140	715	210	265	50	118	154	17	293
KD-5052	130	290	290	365	265	415	155	790	215	265	50	118	154	17	293
KD-7552	118	345	193	375	310	425	155	840	215	265	75	145	185	18	293

KDL

Model	A	B	C	D	H	K	N	L	M	P	R	S	T	W	X	Y
KDL-4012	130	780	310	385	450	610	290	330	255	330	12	40	102	140	16	293
KDL-4022	130	830	310	385	500	655	290	330	255	330	12	40	102	140	16	293
KDL-5032	130	730	310	385	500	655	290	330	255	330	12	50	118	154	17	293
KDL-5052	130	1040	310	405	530	720	330	330	255	370	17	50	118	154	17	293
KDL-7552	118	1135	230	405	580	720	350	330	150	370	17	75	145	185	18	293
KDL-7572	118	1135	230	405	580	770	350	330	150	390	17	75	145	185	18	293
KDL-75102	118	1135	230	405	580	770	350	330	150	390	17	75	145	185	18	293