



FK-Series



**FKS-Series
Stainless steel pump**

▲ Features

1. Close-coupled design , small size, space-saver, high efficiency, easy maintenance.
2. Adopt high quality Mechanical seal, to ensure no leakage and extend life time.
3. Semi-open impeller design, suitable for sewage ,waste water, sludge drainage.
4. Great suction ability(Max.5M). Free install bottom valve. After initial priming water inside pump , the pump will auto-exhaust the air.
5. FKS Pump body/impeller/shaft are stainless steel material for better corrosion-resistant .



▲ Applications

Agriculture irrigation, transfer underground water, waste water treatment, water supply for factory, wastewater drainage in construction site.

▲ Operating conditions

1. Liquid temperature: 0~60°C
2. Ambient temperature: Max.40°C
3. Working pressure: Max. 10 kg/cm²
4. Suction lift: Max.5M
5. Solid passage: Max.12MM
6. The liquid composition should be sewage 10%+liquid 90%

▲ Motor Spec.

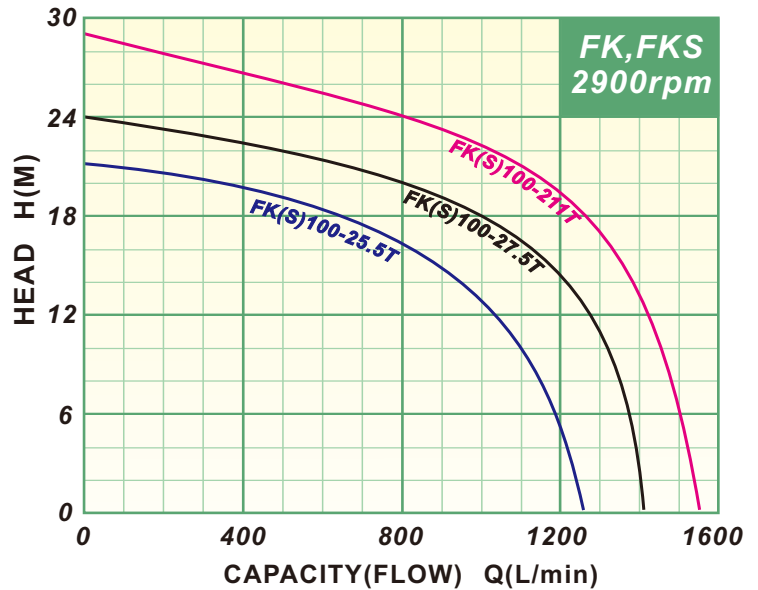
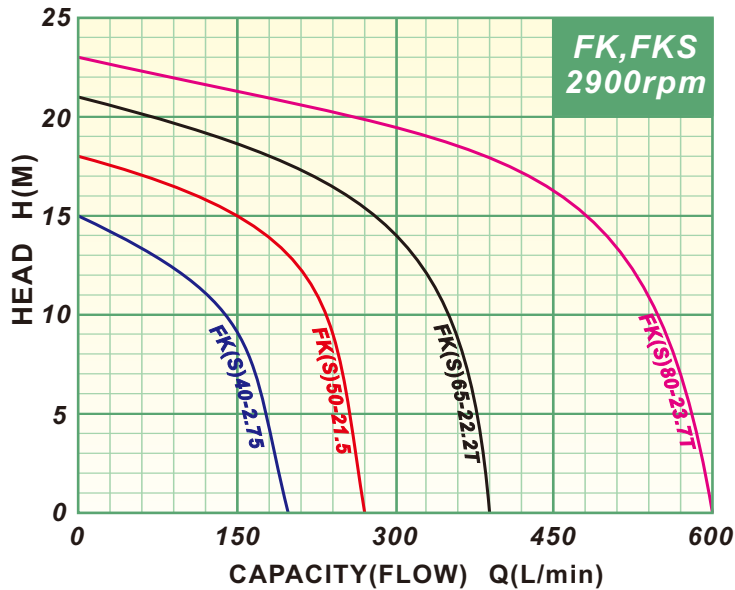
1. Voltage: 1 or 3 phase
2. Frequency: 50HZ
3. Enclosed class: IP54
4. Insulation: B or F
5. Enclosed Fan cooled, 2Pole motor
6. Built-in motor overload protector

▲ Main parts & materials

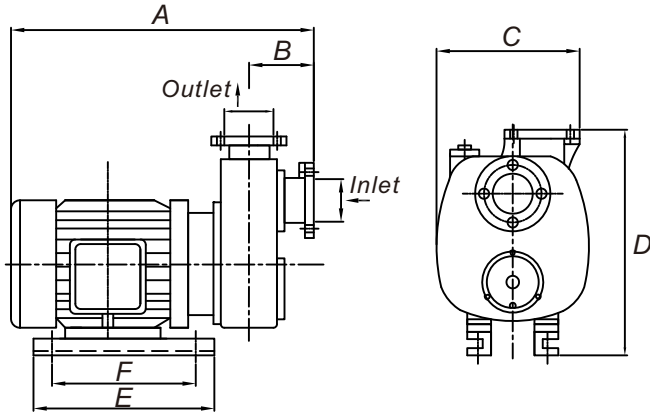
No.	Part Name	Material	
		FK	FKS
1	Pump Casing	FC200	SUS304
2	Impeller	FC200	SUS304
3	Mechanical Seal	Ceramic/Carbon/NBR	
4	Shaft	SUS420	
5	Motor Shell	Cast Iron	
6	Motor Coil	Copper	
7	Bottom Base	Steel	
8	Inlet Flange	FC200	SUS304
9	Outlet Flange	FC200	SUS304
10	Motor Fan	PP	

⊙ Mech. seal (SIC) material is available upon request.

▲ Performance Curves



▲ Dimensions



Unit: MM

Model	A	B	C	D	E	F
FK(S)40-2.75(T)	500	60	230	320	285	250
FK(S)50-21.5(T)	510	78	250	333	285	250
FK(S)65-22.2T	535	78	250	333	285	250
FK(S)80-23.7T	620	110	300	380	325	290
FK(S)100-25.5T	653	120	355	380	400	350
FK(S)100-27.5T	691	120	355	380	400	350
FK(S)100-211T	847	120	423	435	400	350

▲ Specifications

Model	Power HP	Phase Ø	Pole P	Inlet/Outlet Inch	Rated Head M	Rated Flow L/min	Max.Head M	Max.Flow L/min	Allowable Solid size mm
FK(S)40-2.75(T)	1	1, 3	2	1-1/2"	10	140	15	200	4
FK(S)50-21.5(T)	2	1, 3	2	2"	13	200	18	270	5
FK(S)65-22.2T	3	3	2	2-1/2"	14	300	21	390	6
FK(S)80-23.7T	5	3	2	3"	15	480	23	600	8
FK(S)80/100-25.5T	7.5	3	2	3"or4"	15	900	21	1260	10
FK(S)80/100-27.5T	10	3	2	3"or4"	18	1000	24	1410	11
FK(S)80/100-211T	15	3	2	3"or4"	21	1100	29	1550	12

⊙(T): 3 phase motor ⊙(S): Stainless steel pump