

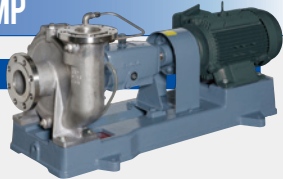
MODEL TFSQ

Food Industry
Paper and Pulp Industry
Petrochemical Industry
Inorganic Chemical Industry
Motor Vehicle Industry
Steel Industry
Metal Goods Industry

SELF-PRIMING VOLUTE PUMP

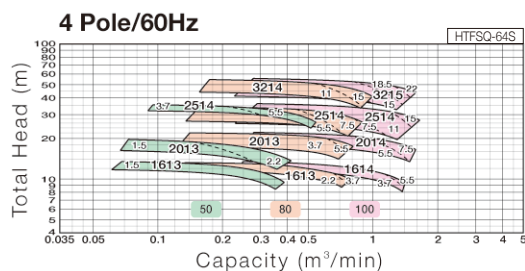
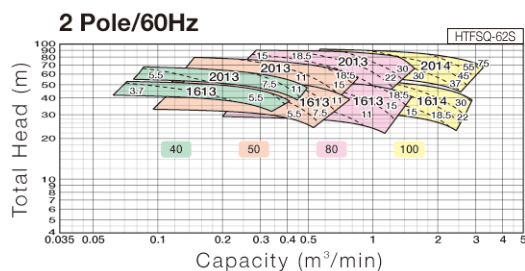
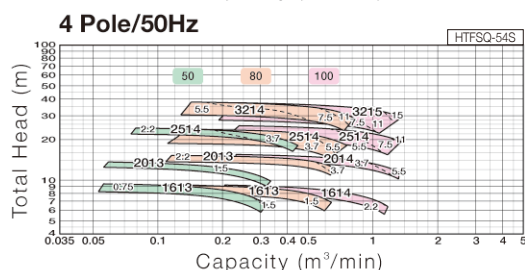
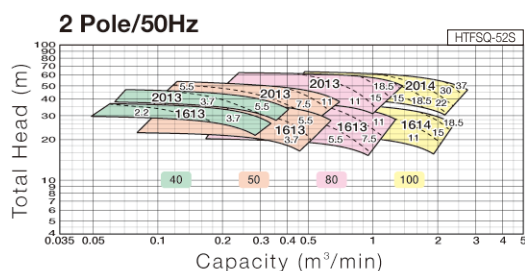
Features

- This pump has a simple structure without a check valve and provides good self-priming performance, using a cyclone vortex.
- This self-priming pump is suitable for draining slurry to a drainage pit.
- Disassembly and inspection are possible without removal of the suction and discharge piping.



Liquid	Specification	Water/Chemical water
Temperature		0 to 60°C
Density		0.7 to 1.2kg/L
Max. suction performance		-7m
Max. working pressure		1.37MPa
Construction	Impeller	Semi-open type
	Shaft seal	Mechanical seal, Static type/Double type
	Bearing	Ball bearings (Oil bath)
Flange		JIS10K RF
Materials	Casing	SCS14
	Impeller	SCS14
	Shaft	SUS316
	Shaft sleeve	SUS316 (*1)
Coupling		Disk type
Coupling guard		Enclosure type with hinges

*1. SUS329J4L and SUS316 coating processed is applicable.



MODEL FPSQ

Inorganic Chemical Industry
Semiconductor Industry
Motor Vehicle Industry
Steel Industry
Metal Goods Industry
Fisheries Industry

PLASTIC SELF-PRIMING PUMP

Features

- This self-priming pump has good self-priming capability and no built-in check valve, suitable for draining light slurry to a drainage pit.
- Excellent corrosion resistance against corrosive liquid like acid and seawater, in which stainless steel is immersed.
- Excellent wear resistance against sand and slurry because highly elastic materials are used, and fiber reinforcement is not applied.
- Light weight and Back Pull Out (BPO) design for easy maintenance.



Liquid	Specification	Chemical liquid (*1), Seawater, Hot spring water
Temperature		-5 to 50°C
Density		1.0 to 1.6kg/L
Max. suction performance		-5m (*2)
Construction	Impeller	Semi-open type
	Shaft seal	Gland packing, Mechanical seal
	Flushing	External-flushing
	Bearing	Ball bearing (Oil bath), Grease packed
Flange		JIS10K or equivalent (*3)
Materials	Casing	PDCPD (*4)
	Impeller	PDCPD/SUS316
	Shaft	SUS316
	Shaft sleeve	SUS316 (*5)
	Gland packing	P#6502L

*1. Cannot be used with solvents, gasoline, kerosene, etc.

*2. Varies depending on the liquid temperature, piping shape, or model.

*3. The mating dimensions are the same as those of JIS standards products, but there are some differences in appearance and dimension.

*4. Polycyclopentadiene

*5. Titanium/PDCPD/SUS329J4L is applicable.

