

**7.5 HP / 10 HP / 15 HP****2 HP / 3 HP / 5 HP****SHP / SHPK**

The vortex impeller is adopted in every series. Rotation of the impeller produces a whirling, centrifugal action between the impeller and the pump casing, and it moves the fluid through the pump. Being coupled with a wide pump casing, wastewater containing solid matters can be pumped out without obstruction.

PUMP

Impeller:
Vortex/Non-clogging Material
Impeller : SUS304
Casing : FC200
Motor Housing : SUS304
Mechanical Seal : CA/CE
PH 6 up to 8
Max. liquid temp : 40°C (104°F)
Max. depth 8m

MOTOR

2 Pole, 50Hz
3 Phase
Protection Type IP68
Speed 2900 / 3450rpm

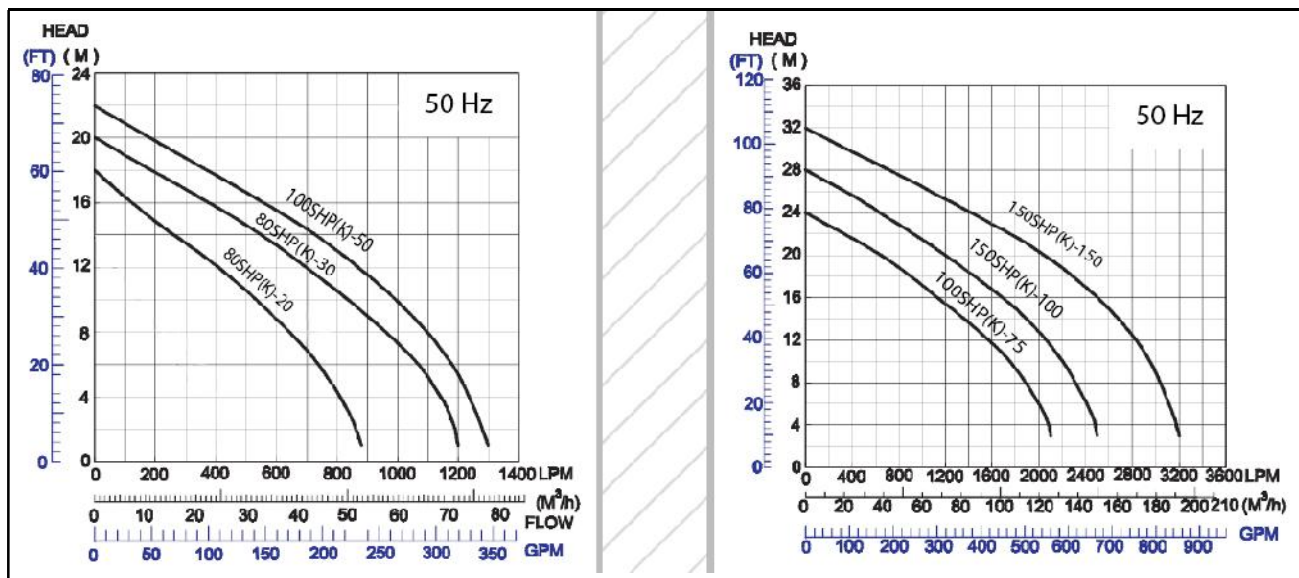
APPLICATION

Large quantities of drainage and surface water
Domestic waste water with discharge from toilets
Waste water from commercial buildings without discharge from toilets
Sludge-containing industrial waste water
Industrial process water

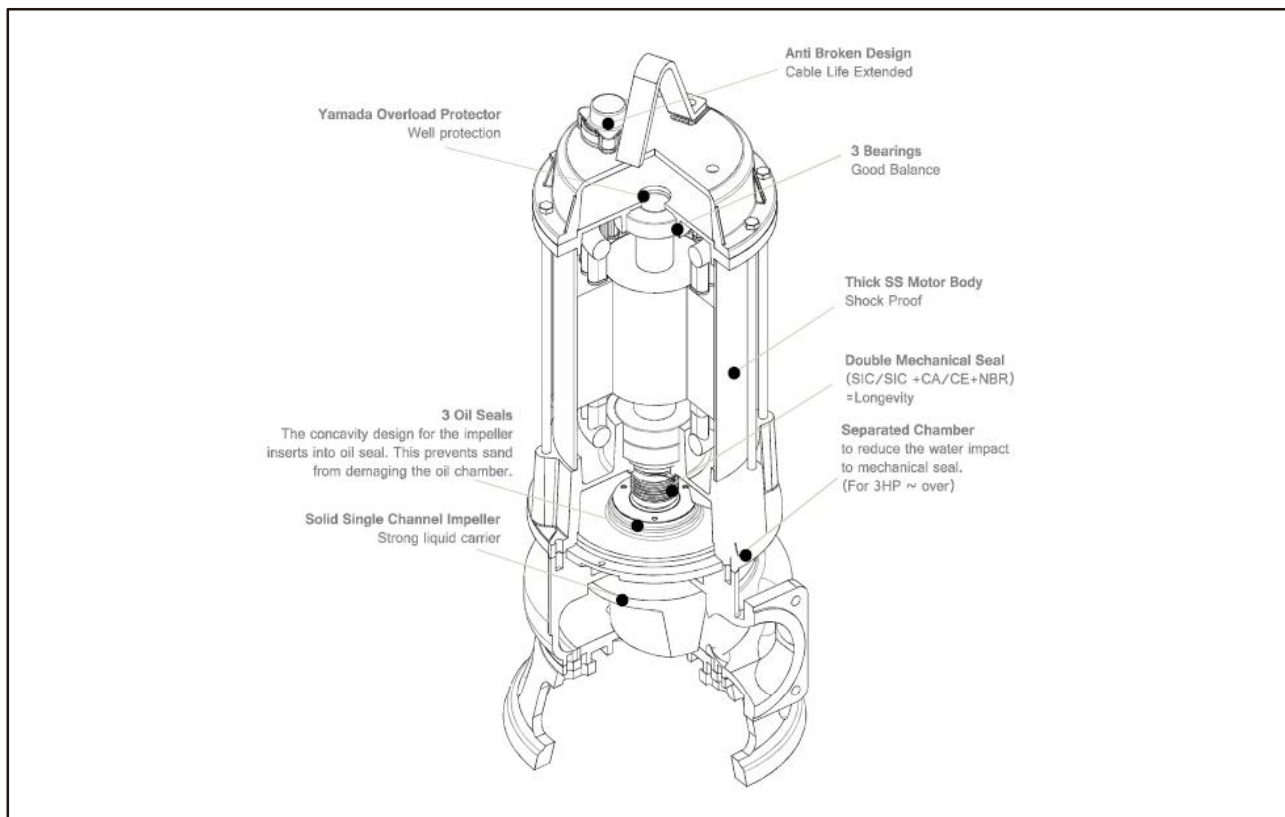
FEATURES

- The pump housing are made of cast iron, the stator housing are made of thick stainless steel 304.
- The unique impeller design prevents overload under severe operating conditions.
- Semi-open non clog impellers prevent pump clog by foreign matter.
- Separated Chamber, to reduce the water impact to the double mechanical seal (For 3HP ~ over). The seal and flow channel are separated to reduce negative pressure.
- 3 Bearing, good balance. 3 Oil Seals, The concavity design for the impeller inserts into oil seal. This prevents sand from damaging the oil chamber.

PERFORMANCE CURVE



PERFORMANCE CURVE



PERFORMANCE PARAMETER

Model	Output		Outlet		Pass Solid	Max flow	LPM Flow @ Head					Max Head	Dimension	Weight
	HP	kW	mm	inch	(mm)	(LPM)	3M	6M	9M	12M	15M	(M)	L x W x H (mm)	(Kg)
80SHP(K)-20	2	1,5	80	3"	40	880	840	740	590	410	190	18	400 x 240 x 545	37
80SHP(K)-30	3	2,2	80	3"	40	1200	1170	1070	900	700	470	20	425 x 220 x 615	55
100SHP(K)-50	5	3,7	100	4"	45	1300	1260	1180	1050	870	650	22	425 x 220 x 615	57
100SHP(K)-75	7,5	5,5	100	4"	50	2100	2050	1750	1250	650		24	485 x 300 x 735	99
150SHP(K)-100	10	7,5	150	6"	65	2500	2450	2200	1800	1200	500	28	485 x 300 x 840	109
150SHP(K)-150	15	11	150	6"	65	3200	3150	2950	2600	2050	1250	32	585 x 340 x 875	149

Remarks: Model with "A" is equipped with float switch.

Model No. ends with "S" is included with stainless steel strainer for dirty water discharge.

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All information correct as of April, 2020. All specifications are subject to change without notice.