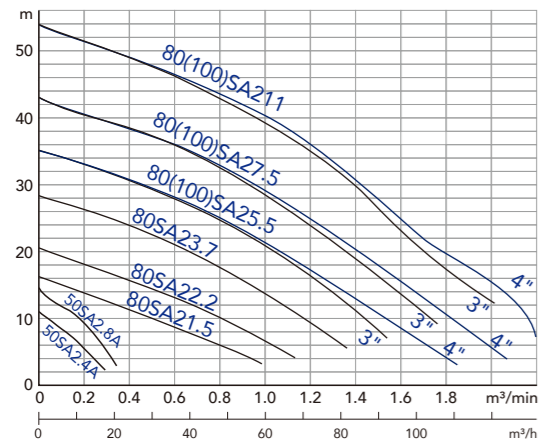




### PERFORMANCE CURVES



80(100)SA25.5/27.5/211



80SA21.5/22.2/23.7

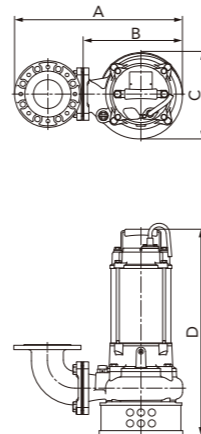


50SA2.4A/2.8A

### PERFORMANCE SPECS.

※ Note : Weight Without Cable & Elbow Set  
Star Method : Y-D = STAR-DELTA.

Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head m	Standard		Solid Passage mm	Weight kg		Dimensions mm					
						m³/min	m³/h		1Ø	3Ø	A	B	C	1Ø	3Ø	
50SA2.4A	0.5(0.4)	2"(50)	1/3	Capacitor Direct	6.5	0.15	9	10	14	14	244	-	172	435	435	
50SA2.8A	1(0.75)	2"(50)	1/3	Capacitor Direct	10	0.17	10.2	10	16	15	244	-	172	435	435	
80SA21.5	2(1.5)	3"(80)	1/3	Capacitor Direct	8.5	0.6	36	20	33.5	29.5	390	248	212	589	520	
80SA22.2	3(2.2)	3"(80)	1/3	Capacitor Direct	12.5	0.6	36	20	37.5	32.5	390	248	212	601	520	
80SA23.7	5(3.7)	3"(80)	3	Direct	20.5	0.6	36	20	-	44.5	465	275	239	-	568	
80(100)SA25.5	7.5(5.5)	3"(80)	3	Direct	28	0.6	36	20	-	67	528	338	286	-	684	
		4"(100)			21.5	1.0	60				556					
80(100)SA27.5	10(7.5)	3"(80)	3	Direct	35.5	0.6	36	20	-	73	528	338	286	-	684	
		4"(100)			29	1.0	60				556					
80(100)SA211	15(11)	3"(80)	3	Y-D	46	0.6	36	20	-	82	528	338	286	-	724	
		4"(100)			39.5	1.0	60				556					



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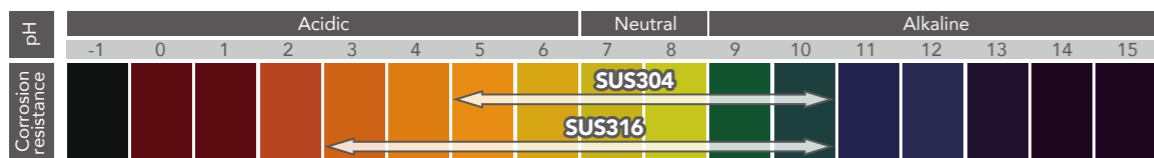
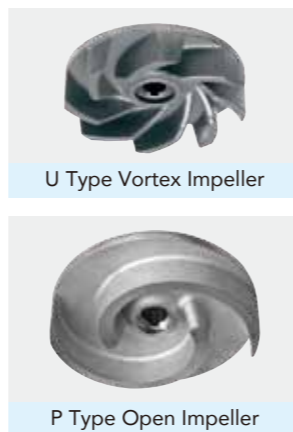
**SF/SA** 50Hz  
SERIES  
SUBMERSIBLE STAINLESS  
STEEL PUMPS



**SF** Stainless Steel Sewage / Wastewater Submersible Pump  
**SA** Stainless Steel Wastewater / Effluent Submersible Pump

**FEATURES**

- Best structure design, has a dry motor, IP68, double mechanical seals, equipped with an auto-cut protector, pump casting, outer cover is stainless steel, and acid-resistant silicon carbide seals.
- The Stainless series is suitable for all light acid, corrosive and/or sea water application fluid in pH value between 4~10pH. For Strong Acidity and Alkalinity applications, please use the specified chemical pump.
- Investment Casting**  
Precision casting with the use of an advanced stainless investment casting method, that produces the highest quality with a smooth surface finish.
- Viton O-ring**  
Viton O-rings are used throughout the pump to give better pump life in corrosive acid and aggressive media.
- Austenitic Stainless Steel(SUS300 series)** is used in SF/SA series. SUS316/SCS14 is better than SUS304/SCS13 in water application of light acid-base.



Above chart is for reference only.

**APPLICATIONS**

- Suitable for wastewater treatment in food and wine-making industry.
- Suitable for wastewater treatment for petroleum industry, dyeing industry and mining dewatering contain acidic fluid.
- This series is suitable for all, light acid, corrosive and / or sea water applications.

**PRODUCT NOMENCLATURE**

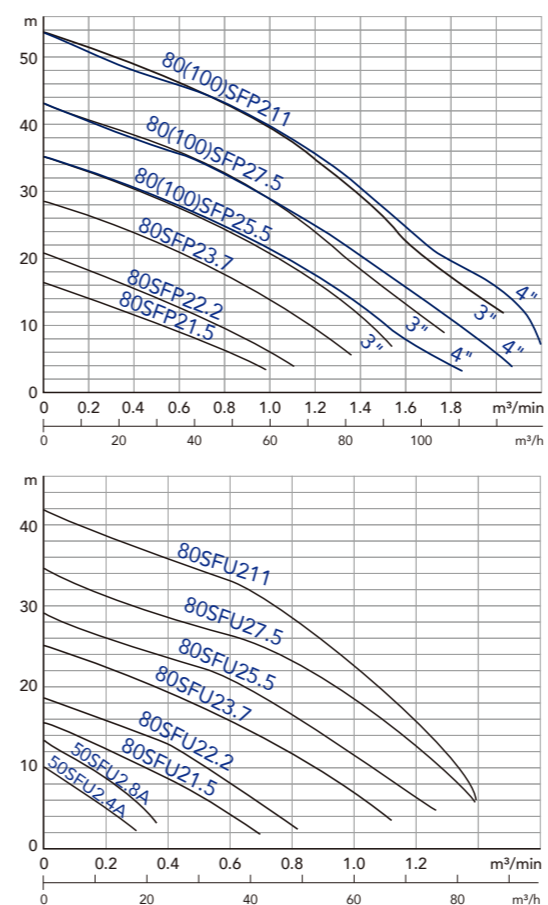
80	SF	P	2	3.7
Discharge mm	Type	Impeller type	Pole	kW
50	SA	2	8	A
Discharge mm	Type	Pole	kW	Style

**ACCESSORIES : ELBOW / GRS - GUIDE RAIL SYSTEMS**

Pump can be installed with 90° Elbow with Flange outlet or GRS quick coupling system, for quick and safer for installation, removal, replacement and maintenance purpose.



**PERFORMANCE CURVES**



**SPECIFICATIONS**

Item	Description
Limits of Use	Liquid Temp. 0~40°C (32~104°F)
	Applications Corrosive • Food • Processing Liquids
Type	Frequency 50Hz
	Motor 2P(3000rpm) • Dry Motor
	Insulation Class B (0.5~1HP) • Class F (2~5HP) • Class H (7.5~15HP)
	Protection IP68
	Protector Thermal (0.5HP 1Ø) • Auto-cut (0.5HP 3Ø~10HP) • MTS & MS(15HP)
	Bearing Ball type
	M.seal Double M.seals
Material	Impeller Vortex • Open
	Upper Cover SCS14
	Motor Frame SUS316
	Shaft SUS316 (0.5~10HP) • SUS630 (15HP)
	M.seal CA/CE & SiC/SiC
	O-ring Viton
	Casing SCS14
Optional	Impeller SCS14
	Cable VCT or H07RN-F or SJOW/SOW
	Pump can be customized to fit specifications

**PERFORMANCE SPECS.**

※ Note : Weight Without Cable & Elbow Set  
Star Method: Y-D = STAR-DELTA.

	Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head m	Standard		Solid Passage mm	Weight kg		Dimensions mm				
							m³/min	m³/h		1Ø	3Ø	A	B	C	1Ø	3Ø
U Type	50SFU2.4A	0.5(0.4)	2"(50)	1/3	Capacitor Direct	6	0.15	9	35	15	14	237	-	153	432	432
	50SFU2.8A	1(0.75)	2"(50)	1/3	Capacitor Direct	8	0.2	12	35	16	15	237	-	153	432	432
	80SFU21.5	2(1.5)	3"(80)	1/3	Capacitor Direct	8.5	0.4	24	50	30.5	26.5	402	260	202	586	517
	80SFU22.2	3(2.2)	3"(80)	1/3	Capacitor Direct	13	0.4	24	50	34	29	402	260	202	598	517
	80SFU23.7	5(3.7)	3"(80)	3	Direct	17.5	0.5	30	50	-	40	476	286	222	-	561
	80SFU25.5	7.5(5.5)	3"(80)	3	Direct	21	0.6	36	50	-	61	499	309	258	-	657
	80SFU27.5	10(7.5)	3"(80)	3	Direct	26	0.6	36	50	-	67	499	309	258	-	657
P Type	80SFU211	15(11)	3"(80)	3	Y-D	33	0.6	36	50	-	76	499	309	258	-	697
	80SFP21.5	2(1.5)	3"(80)	1/3	Capacitor Direct	8.5	0.6	36	35	32.5	28.5	417	275	260	590	521
	80SFP22.2	3(2.2)	3"(80)	1/3	Capacitor Direct	12.5	0.6	36	35	36.5	31.5	417	275	260	602	521
	80SFP23.7	5(3.7)	3"(80)	3	Direct	20.5	0.6	36	32	-	43	495	305	290	-	568
	80(100)SFP25.5	7.5(5.5)	3"(80) 4"(100)	3	Direct	28 21.5	0.6 1.0	36 60	30	-	67	563 591	373	345	-	684
	80(100)SFP27.5	10(7.5)	3"(80) 4"(100)	3	Direct	35.5 29	0.6 1.0	36 60	30	-	73	563 591	373	345	-	684
	80(100)SFP211	15(11)	3"(80) 4"(100)	3	Y-D	46 39.5	0.6 1.0	36 60	30	-	82	563 591	373	345	-	724

