

SA SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

50SA2.4A · 50SA2.8A

SPECIFICATIONS

Item	Description
Limits of Use	Liquid Temp. 0~10°C(32~104°F)
	Applications Corrosive Food-Processing Liquids
Type	Frequency 60Hz
	Motor ZP(3600rpm) Dry Motor
	Insulation Class B
	Protection IP68
	Protector Auto-cut (50SA2.4A: 10 Thermal)
	Bearing Ball type
	M. seal Double M. seals
	Impeller Vortex
	Upper Cover SCS14
	Motor Frame SUS316
Material	Shaft SUS316
	M. seal CA/CE & SiC/SiC
	Casing SCS14
	Impeller SCS14
	Cable VCT or H07RN-F or SJCW/SOW
	Optional -



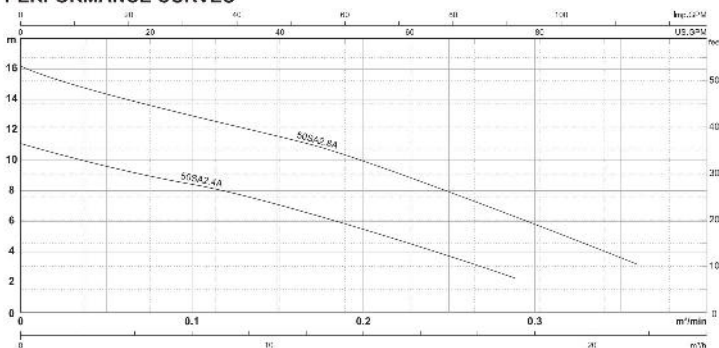
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Vortex Impeller

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m ³ /min	ft-GPM	m ³ /min	ft-GPM		1Ø(kg/lbs)	3Ø(kg/lbs)		110V	220V	220V	230V	380V	480V	575V
50SA2.4A	0.5(0.4)	2"(50)	7-0.1	23-26	11-0.25	36-56	10(3/8")	14(31)	14(31)	Full load Ampere	5.6	3.3	2.3	2.2	1.4	1.1	0.9
50SA2.8A	1.0(75)	2"(50)	10-0.17	33-45	15.5-0.34	61-90	10(3/8")	16(36)	15(35)		10.4	5.2	3.4	3.3	1.9	1.6	1.3

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	H:feet	10'	15'	20'	25'	30'	35'	40'	50'	Q:m ³ /min							
				10'	15'	20'	25'	30'	35'	40'	50'	0.05	0.1	0.15	0.2	0.25	0.3	0.35	
50SA2.4A	0.5(0.4)	2"(50)	Q:US.GPM	7.1	6.0	4.6	3.6	1.8	4	-	-	H:m	5.6	3.4	7.1	5.5	3.7	-	-
50SA2.8A	1.0(75)	2"(50)		-	6.7	7.6	6.6	5.6	4.6	3.4	5		14.4	12.9	11.6	10.0	8.0	5.8	3.5