

Self-priming centrifugal pump

For sea water and chemical

■ Model name

PSPZ

Mechanical seal type

50PSPZ-15033A Dia.50A

50PSPZ-15033B Dia.50A

50PSPZ-22033B Dia.50A

PSPZ-15023A .B Dia.80A

PSPZ-22023A .B Dia.80A

A for 50Hz

B for 60Hz

■ Image photograph



40PSPZ-4033B

■ Application

- Circulation of sea water
- Culture tank
- Water tank etc.

■ Characteristics

- Less noise

Maximum 15dB(A) less than conventional models

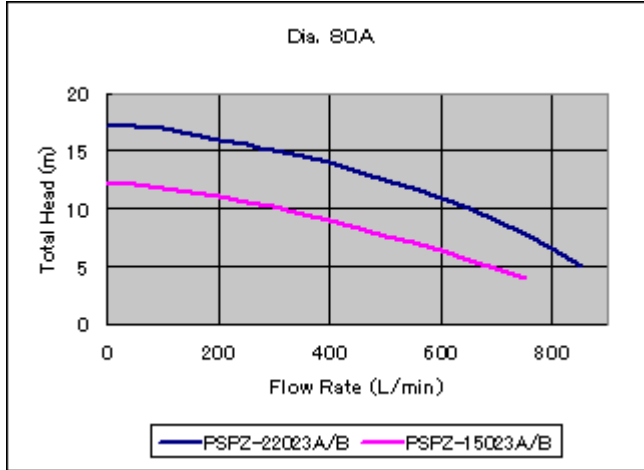
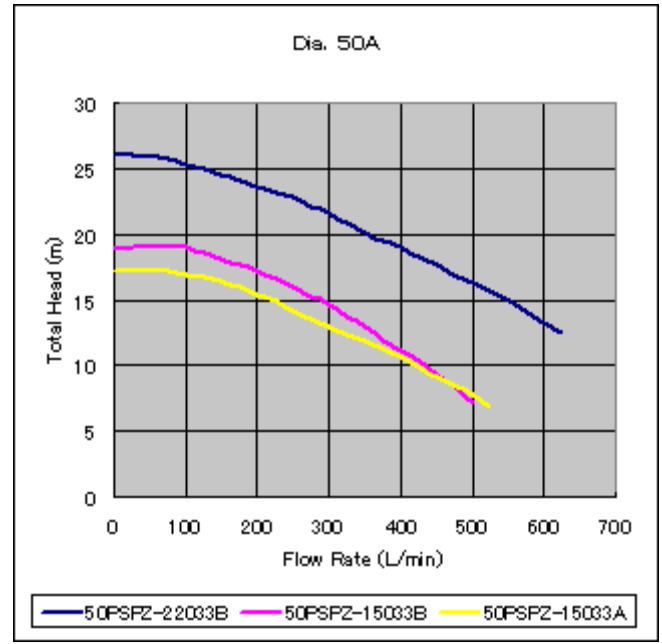
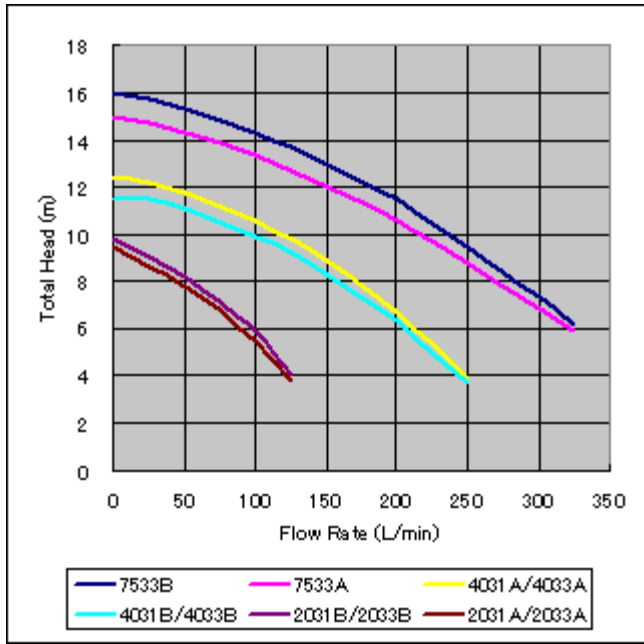
- High efficiency

Optimum design of motor and pump.

Maximum 47% improved in pump efficiency and maximum 56% improved in consumption power.

- Long life and high reliability
- Totally enclosed fan cooling outdoor type motor
- Protection switch is equipped to motor not to burn
- 200w,400w, and 750w
- 1.5Kw and 2.2Kw

■ Performance curve



■ Specification

◆ 50Hz

Model \ Item	Motor	Rated	Diameter	Suction	Total	Flow	Rated	Rated	Protector	Weight
	Rated Output	Voltage								
	W	V	A(mm)	m	m	L/min	W	A		kg
25PSPZ-2031 A	250	100	25(1B)	6.0	5.7	109.74	380	4.6	Manual	15.0
25PSPZ-2033 A	250	200	25(1B)	6.0	5.7	104.69	310	1.2	Manual	14.0
40PSPZ-4031 A	400	100	40(1 1/2B)	6.5	7.9	185.141	580	6.0	Manual	16.0
40PSPZ-4033 A	400	200	40(1 1/2B)	6.5	7.9	187.143	580	2.1	Manual	15.0
40PSPZ-7533 A	750	200	40(1 1/2B)	6.5	8.12	268.160	900	3.5	Manual	17.0

Note(1) 100V for single phase, 200V for 3 phases

■ Liquid temperature is less than 40°C because of self-priming

■ Installation site : For outdoor use ■ Voltage can be adjusted to customer's requirement.

◆ 60Hz

Item Model	Motor Rated Output	Rated Voltage	Diameter	Suction	Total Head	Flow Rate	Rated Consumption	Rated Current	Protector	Weight
	W	V	A(mm)	m	m	L/min	W	A		kg
25PSPZ-2031 B	250	100	25(1B)	6.0	5.7	118.86	420	4.3	Manual	15.0
25PSPZ-2033B	250	200	25(1B)	6.0	5.7	111.75	370	1.3	Manual	14.0
40PSPZ-4031 B	400	100	40(1 1/2B)	6.5	7.9	187.139	650	6.6	Manual	16.0
40PSPZ-4033B	400	200	40(1 1/2B)	6.5	7.9	181.131	570	2.0	Manual	15.0
40PSPZ-7533B	750	200	40(1 1/2B)	6.5	8.12	274.181	930	3.2	Manual	17.0

Note(1) 100V for single phase, 200V for 3 phases
 ■ Liquid temperature is less than 40°C because of self-priming
 ■ Installation site : For outdoor use ■ Voltage can be adjusted to customer's requirement.

◆50Hz (1.5kw and 2.2kw)

Item Model	Motor Rated Output	Rated Voltage	Diameter	Suction	Total Head	Flow Rate	Rated Consumption	Rated Current	Protector	Weight
	W	V	A(mm)	m	m	L/min	W	A		kg
50PSPZ-15033A	1500	200	50(2B)	6.5	14.16	287.168	1580	5.5	Manual	36.0
PSPZ-15023A	1500	200	80(3B)	5.0	5.10	700.300	1800	6.5	Manual	35.0
PSPZ-22033A	2200	200	80(3B)	5.0	7.10	800.650	2950	10.5	Manual	37.0

Note(1) 100V for single phase, 200V for 3 phases
 ■ Liquid temperature is less than 40°C because of self-priming
 ■ Installation site : For outdoor use ■ Voltage can be adjusted to customer's requirement.

◆60Hz (1.5kw and 2.2kw)

Item Model	Motor Rated Output	Rated Voltage	Diameter	Suction	Total Head	Flow Rate	Rated Consumption	Rated Current	Protector	Weight
	W	V	A(mm)	m	m	L/min	W	A		kg
50PSPZ-15033B	1500	200	50(2B)	6.5	14.17	334.222	2700	5.5	Manual	36.0
50PSPZ-22033B	2200	200	50(2B)	6.5	20.25	383.110	2650	8.8	Manual	38.0
PSPZ-15023B	1500	200	80(3B)	5.0	5.10	700.300	2200	7.5	Manual	35.0
PSPZ-22033B	2200	200	80(3B)	5.0	7.10	800.650	3150	11.0	Manual	37.0

Note(1) 100V for single phase, 200V for 3 phases
 ■ Liquid temperature is less than 40°C because of self-priming
 ■ Installation site : For outdoor use ■ Voltage can be adjusted to customer's requirement.