



POLYETHYLENE PUMP BODY

For Seawater, Chemicals

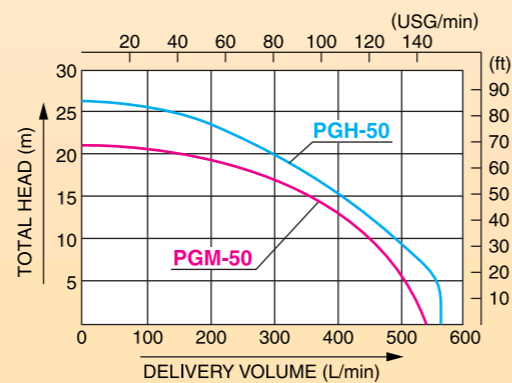
- Superior material used.
 - PET (Polyethylene Terephthalate) for pump casing, impeller and volute casing.
 - EPDM and Carbon Ceramic for mechanical seal.
 - SUS for all bolts and washers.
- Powered by strong and durable engine.



Specifications

	Model	PGH-50	PGM-50
PUMP	Connection Dia	50 mm (2")	
	Connection Thread	Outer Pipe Thread	
	Total Head	26 m (85 ft)	21 m (68 ft)
	Max. Suction Head	8 m (26 ft)	
	Delivery Volume	560 L/min (148 USG/min)	540 L/min (142 USG/min)
ENGINE	Material for Mechanical Seal	Ceramic Carbon	
	Max. Pressure	0.26 MPa	0.21 MPa
	Type	Forced Air Cooling 4 Stroke Gasoline Engine	
	Model	Honda GX120	Mitsubishi GM132
	Exhaust Volume	118 cc	126 cc
	Rated Output	2.1 kW (2.9 PS) / 3600 rpm	2.1 kW (2.8 PS) / 3600 rpm
	Max. Output	2.6 kW (3.5 PS) / 3600 rpm	2.9 kW (4.0 PS)
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	2.5 L	
	Continuous Operating Time	Approx. 2 hrs	Approx. 2.5 hrs
Starting Method	Recoil Starter		
Standard Accessories	2 Nipples, 1 Engine Tool Set		
Gross Weight	22 kg	25 kg	
Dimensions LxWxH (mm)	520 x 428 x 448	511 x 407 x 439	
Packing Unit	1		

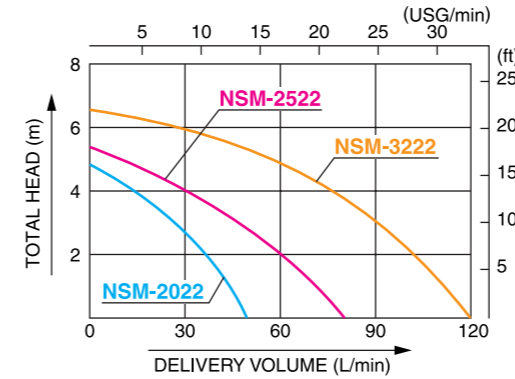
Performance Curve



Long Life & Quiet for Home Use

- Thermal protector cuts off circuit in case of overload during operation.
- Effective motor cooling system.

Performance Curve

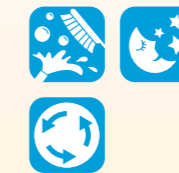
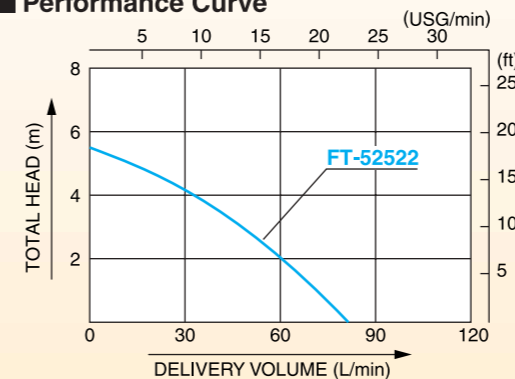


NSM-2522

"FULL TIME PONDY" Designed for Continuous Operation

- Anti-corrosion stainless steel (SUS 316L) is used for motor shaft.

Performance Curve



FT-52522

Specifications

	Model	NSM-2022	NSM-2522	NSM-3222	FT-52522
PUMP	Connection Dia	20 mm (3/4")	25 mm (1")	32 mm (1 1/4")	25 mm (1")
	Total Head	4.8 m (15 ft)	5.5 m (18 ft)	6.5 m (21 ft)	5.5 m (18 ft)
	Delivery Volume	50 L/min (13 USG/min)	80 L/min (21 USG/min)	120 L/min (31 USG/min)	80 L/min (21 USG/min)
	Voltage	AC 220 V			
MOTOR	Frequency	50 Hz / 60 Hz			
	Rated Current	0.7 A	1.0 A	1.2 A	1.25 A
	Output	48 W	100 W	150 W	100 W
	Consumption				220 W
	Revolution	2800 rpm (50 Hz), 3200 rpm (60 Hz)			2800 rpm
	Rating	Continuous			
	Motor Type	Condenser Induction Motor			
	Power Cord	4 m (13 ft)		5 m (16 ft)	4 m (13 ft)
	Standard Accessories	1 Coupling Set (φ20) 1 Hose Nipple (φ15) 1 Hose Band (φ15) 1 Hose Band (φ20)	1 Coupling Set (φ25) 1 Hose Nipple (φ20) 1 Hose Band (φ20) 1 Hose Band (φ25)	1 Coupling Set (φ32) 1 Hose Nipple (φ25) 1 Hose Band (φ25) 1 Hose Band (φ32)	1 Hose Coupling (φ15) 1 Hose Coupling (φ20) 1 Hose Coupling (φ25) 1 Hose Band (φ15) 1 Hose Band (φ20) 1 Hose Band (φ25)
	Gross Weight	19 kg	17 kg	21 kg	5 kg
Dimensions LxWxH (mm)	430 x 293 x 335	325 x 325 x 365	355 x 355 x 363	170 x 170 x 405	
Packing Unit	6		4	1	



HEAVY DUTY SUBMERSIBLE PUMPS

Powerful Pumps for Heavy Duties

- Double mechanical seals in oil chamber filled with liquid paraffin prevents damage from dry running.
- Liquid paraffin is used in the shaft seal. Water is not contaminated even in case of oil leakage.
- Thermal protector cuts off circuit in case of overload during operation.

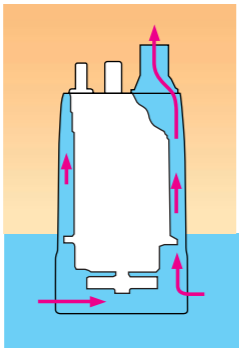


PB-55011



Effective Motor Cooling System

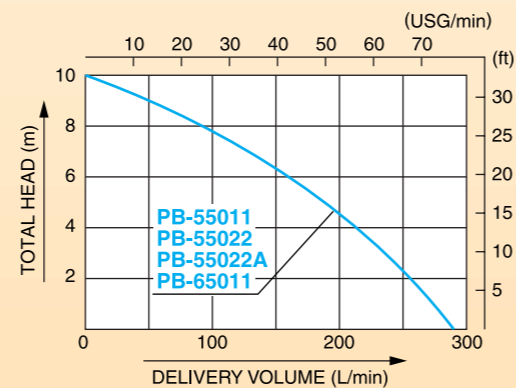
Water is channeled through the outer wall to cool the motor for maximum endurance.



Specifications

Model	PB-55011	PB-55022	PB-55022A	PB-65011
PUMP	Connection Dia	50 mm (2")		
	Total Head	10 m (32 ft)		
	Delivery Volume	290 L/min (76 USG/min)		
	Voltage	AC 110 V	AC 220 V	AC 110 V
MOTOR	Frequency	50 Hz		60 Hz
	Rated Current	7.3 A	3.6 A	8.7 A
	Output	400 W		
	Consumption	760 W	680 W	750 W
	Revolution	2900 rpm		3400 rpm
	Model	Induction Motor		
	Power Cord	10 m (32 ft) [CE Model] / 6 m (19 ft)		6 m (19 ft)
Standard Accessories	1 Rope (5 m), 1 Hose Band			
Gross Weight	32 kg		65 kg	
Dimensions LxWxH (mm)	533 x 270 x 509		533x533x509	
Packing Unit	2		4	

Performance Curve



*Starting current is three times higher than rated current.

Great Durability



PX-55022

For Residual Water Up to 1 mm

- Designed for application in narrow access drainage especially in manhole or bottom pit.

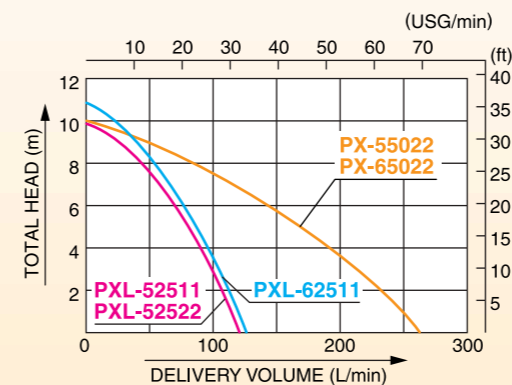


PXL-52522

Applications

- Drainage of underground water
- Disposal of residual water from roof tank of buildings, swimming pools, etc.
- Construction site
- Pond / Aquarium usage
- Irrigation
- Home / Domestic application

Performance Curve



*Starting current is three times higher than rated current.

Invertible Delivery Flange

Just 2 bolts delivery flange is inverted



Specifications

Model	PX-55011	PX-55022	PXL-52511	PXL-52522	PXL-62511
PUMP	Connection Dia	50 mm (2")		25 mm (1")	
	Total Head	10 m (32 ft)		11 m (36 ft)	
MOTOR	Delivery Volume	260 L/min (68 USG/min)		125 L/min (33 USG/min)	
	Voltage	AC 110 V	AC 220 V	AC 110 V	AC 220 V
MOTOR	Frequency	50 Hz			60 Hz
	Rated Current	6.5 A	3.2 A	6.0 A	2.9 A
	Output	400 W			680 W
	Consumption	580 W	620 W	590 W	540 W
	Revolution	3400 rpm		2900 rpm	
	Model	Condenser Induction Motor			3400 rpm
	Power Cord	5 m (16 ft)			
Standard Accessories	1 Hose Band, 1 Rope (5 m)		1 Hose Band, 1 Hose Nipple, 1 Coupling, 1 Coupling Packing, 1 Rope (5 m)		
Gross Weight	25 kg		28 kg		
Dimensions LxWxH (mm)	258 x 500 x 424		530 x 278 x 452		
Packing Unit			2		

Light & Durable

- Double mechanical seals using silicon carbide ensure durability and shaft protection.
- Thermal protector cuts off circuit in case of overload during operation.



PS-55022



PSA-55022

Automatic Float Switch

Best for Sewage Application

- Cast iron (FC) casing ensures resistance to sewage. (PKS)
- The built-in thermal protector cuts off circuit in case of overload during operation.
- Only 3 butterfly bolts and strainer can be detached for maintenance. (PKS)



PSK-53222



PKS-55022

Solids Available

Max. 10 mm

PSK-53222

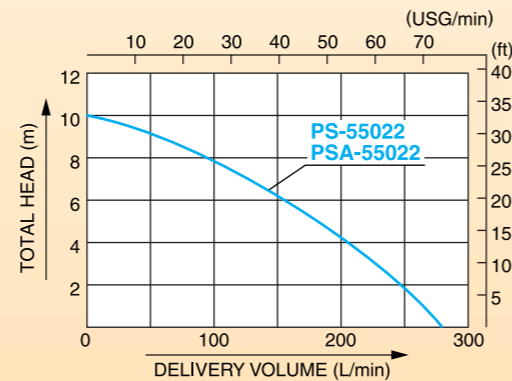
Max. 15 mm

PKS-55022

Specifications

	Model	PS-55022	PSA-55022
PUMP	Connection Dia	50 mm (2")	
	Total Head	10 m (32 ft)	
	Delivery Volume	280 L/min (74 USG/min)	
	Voltage	AC 220 V	
MOTOR	Frequency	50 Hz	
	Rated Current	3.6 A	
	Output	400 W	
	Consumption	600 W	
	Revolution	3200 rpm	
	Rating	Continuous	
	Type	Induction Motor	
	Power Cord	6 m (19 ft)	
	Standard Accessories	1 Hose Band, 1 Rope (5 m)	
	Gross Weight	58 kg	65 kg
Dimensions LxWxH (mm)	460 x 460 x 442	495 x 495 x 505	
Packing Unit	4		

Performance Curve

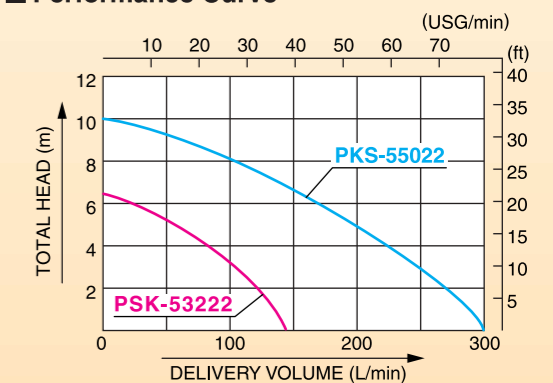


*Starting current is three times higher than rated current.

Specifications

	Model	PSK-53222	PKS-55022
PUMP	Connection Dia	32 mm (1 1/4")	50 mm (2")
	Total Head	6 m (19 ft)	10 m (32 ft)
	Delivery Volume	140 L/min (37 USG/min)	300 L/min (79 USG/min)
MOTOR	Voltage	AC 220 V	
	Frequency	50 Hz	
	Rated Current	1.4 A	4.0 A
	Output	150 W	400 W
	Consumption	305 W	704 W
	Revolution	2900 rpm	
	Rating	Continuous	
	Type	Induction Motor	
	Power Cord	4 m (13 ft)	6 m (19 ft)
	Standard Accessories	1 Hose Band, 1 Rope (5 m)	
Gross Weight	11 kg	70 kg	
Dimensions LxWxH (mm)	374 x 193 x 422	509 x 509 x 532	
Packing Unit	2	4	

Performance Curve



*Starting current is three times higher than rated current.