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**HIGH PERFORMANCE SUBMERSIBLE PUMP,  
OPERATION MANUAL**

# **PONSTAR**

## 《PXL SERIES》

Thank you for your purchase of our  
Submersible pump.

Upon receipt, please check the followings.

- Model is exactly what you ordered.
- There is no damage in transit.
- Accessories are all supplied.

In case of trouble, please contact dealer.

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Be sure to read this manual before operation

## TROUBLE-SHOOTING

No start at all or stops immediately after start.	Malconnection of power circuit	Correct the connection. Check the power circuit.
	The leakage of circuit breaker is actuated.	Repair the point of leakage.
	The impeller is caught by foreign substance.	Remove the foreign substance.
	Motor is burnt.	Repair or replace.
	Voltage drop.	Raise the voltage to the rating.

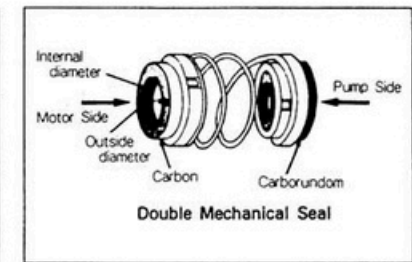
Stops during operation	The protector is actuated.	Remove foreign substance if the impeller is clogged.
		Lower the liquid temperature if it is too high.

No pumping or lowered performance	Voltage drop	Raise the voltage to the rating.
	Inverse rotation	Correct to forward rotation.
	High delivery head	Lower the head.
	Discharge pipe is clogged.	Overhauling
	Impeller wear	Replacement
	Clogging of foreign matter in strainer pump	Overhauling.

## CAUTION

The pump is used a double mechanical seal.(See Fig.) Consulting the following table, assemble it.

MECHANICAL SEAL	MOTOR SIDE (Carbon)	PUM SIDE (Carborundom)
Outside diameter	22.5mm	20.5mm
Internal diameter	18.5mm	15.0mm



## SPECIFICATION

Model		PXL-52511	PXL-52522	PXL-62511
PUMP	Connection Dia	25 m/m (1")		
	Total Head	32.8 ft (10m)		36.1 ft (11m)
	Delivery Volume	31.68 U.S.G./min (120L/min.)		33.0 U.S.G./min (125L/min.)
MOTOR	Voltage	AC-110V	AC-220V	AC-110V
	Frequency	50 Hz		60 Hz
	Read Current	6.0 A	2.9 A	6.8 A
	Consumption of Electric Power	590 W	540 W	680 W
	Revolution	2900 rpm		3400 rpm
	Power Cord	16.4 ft (5m)		
	Gross Weight	11.8 kg		
Standard Accessory		Rope 5m Hose Band Coupling	Coupling Packing Nipple	

## PERFORMANCE CURVE

