

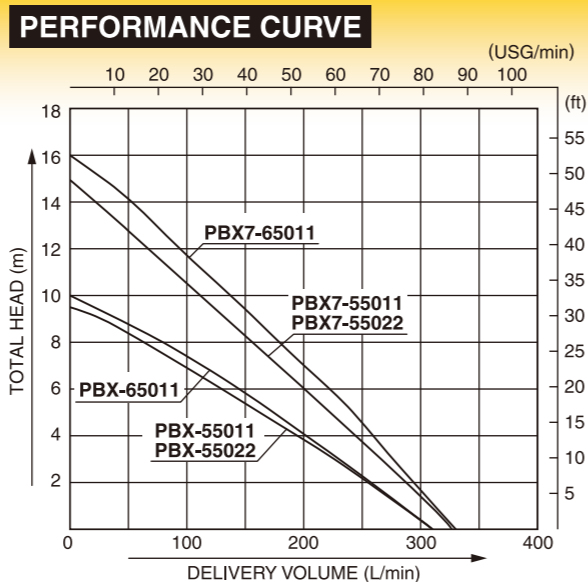
# PONSTAR

## PBX Series

# KOSHIN



PBX-50 / PBX7-50



### SPECIFICATIONS

MODEL	PBX-55022	PBX-55011	PBX-65011	PBX7-55022	PBX7-55011	PBX7-65011
Connection Dia	mm	50			50	
	inch	2			2	
Max.Head	m	9.5	10	15	16	
	ft	31	33	50	54	
Max.Delivery	L/min	310			330	
	GPH	4,870			5,240	
Output [W]	400			750		
Revolution [rpm]	2,800		3,200	2,800		3,200
Rated Current [A]	4.2	8.1	8.7	6.0	12.0	
Consumption [W]	680	690	750	1,250		
Voltage [V]	AC 220	AC 110		AC 220	AC 110	
Frequency [Hz]	50		60	50		60
Net Weight [kg]	13.4			13.6	13.7	
※without cable						

#### Float switch

Optional parts

When fitted with a (separately available) float switch, the pump can operate fully automatic.



## KOSHIN LTD.

KYOTO, JAPAN

www.koshinpump.com

22-01 699711302



## Heavy Duty Contractor Pump

Suitable for dry-running and for use with sandy water

### PBX/PBX7 Series

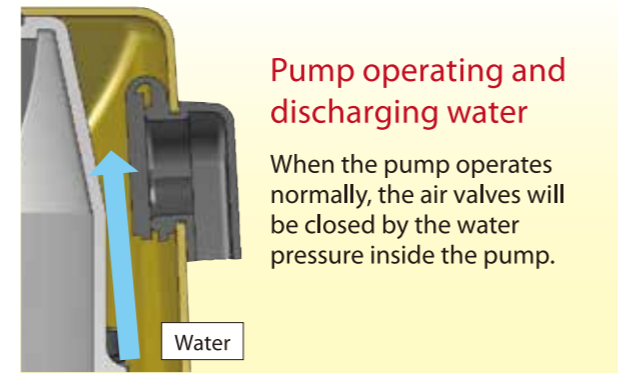
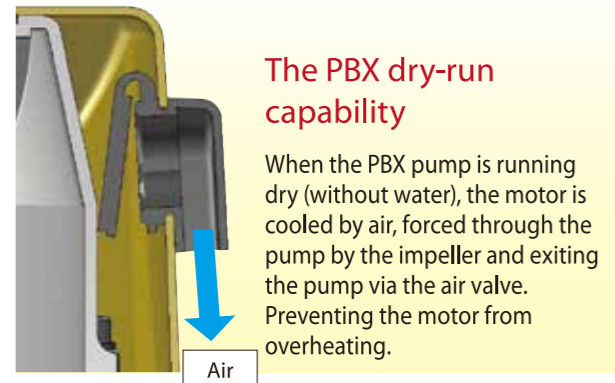
# POWERFUL PERFORMANCE!

## PONSTAR PBX Series

### Feature 1 Trouble free operation, even in low water or dry-run situations!

#### With air valve function

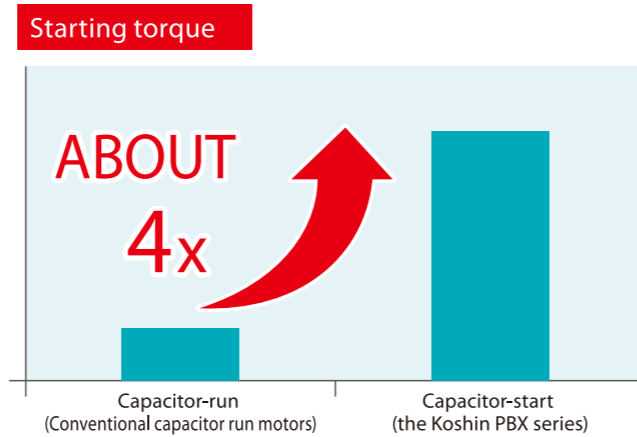
When conventional pumps run dry, the electric motor will overheat, causing the thermal protector to activate to protect the motor. However, continuous overheating will eventually cause internal damage to the windings. With an air valve, a continuous airflow will cool the motor while running dry. Preventing the motor from overheating at any time. (The thermal switch will activate if an abnormal level of heat is generated, which exceeds the cooling capacity of the airflow—in situations such as an impeller lock or sticky mechanical seals.)



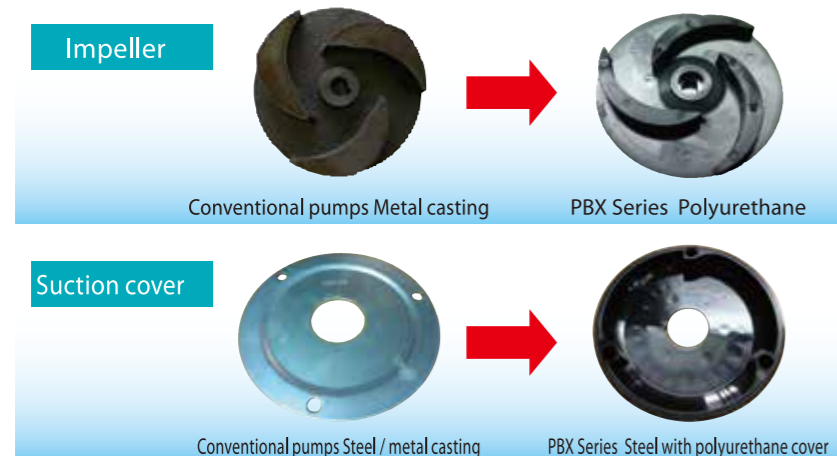
### Feature 2 Extra Powerful Startup Torque!

#### The Koshin centrifugal force switch

The Koshin PBX capacitor-start motors (fitted with a centrifugal force switch) have a 400% higher starting torque than standard capacitor-run motors, largely eliminating startup failures caused by sticky mechanical seal or impeller clogging.



### Feature 3 Designed specifically for use in muddy and sandy water, using strong and durable materials

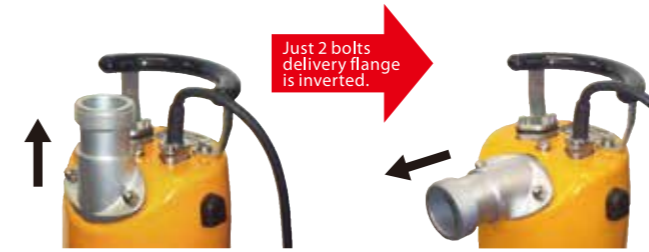


The highly wear resistant materials used, have increased the durability of important wear parts by about **300%** compared to conventional parts.

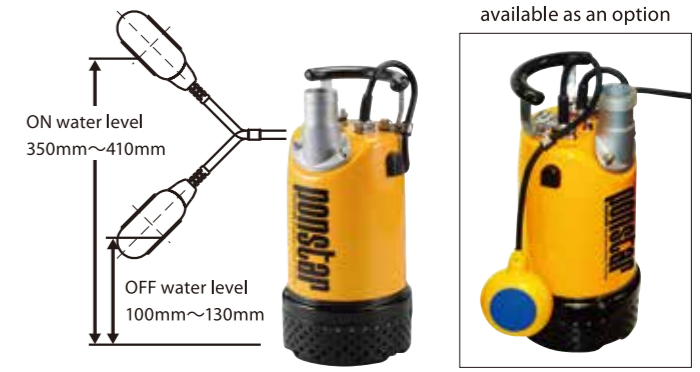
### Feature 4 The direction of the delivery flange can easily be changed to suit the required direction of water flow!

#### 2-way flange

Change delivery flange direction and delivery hose will never be bent again.



### Feature 5 Automatic start / stop function with a float switch



### Feature 6 Easy maintenance

- Easy to retro-fit or replace float switch  
Uses only 2 bolts(The float switch is an optional component.)
- Fixing bolts are wear protected to allow for easy access and disassembly, even when the pump has been in prolonged heavy duty use.  
The special PP(Polypropylene) insert, protects delicate parts from wear and tear.  
Easy maintenance.

