

# PRORIL

## STAINLESS STEEL PUMPS

DEWATERING PUMPS

SEWAGE VORTEX PUMPS



50 Hz



# STAINLESS STEEL PUMPS

## DEWATERING & SEWAGE VORTEX

PRORIL stainless steel pumps consist of four dewatering pumps and two sewage pumps. All components in contact with the liquid are made of 304 stainless steel.

These pumps are designed for handling clean water or screened wastewater, also applicable to the aquaculture industry with the use of the food-grade lubricant.

### FEATURES

#### 1 Watertight Cable Entry

The cable entry employs an anti-wicking block where each conductor is stripped and encapsulated in epoxy. This feature effectively prevents water from penetrating the motor chamber when the cable end is submerged or the cable sheath is damaged.

#### 2 Top Discharge and Double Housing Design

Designed to construct a water jacket that provides maximum motor cooling effect for continuous operation at low water level, this feature forms the cylindrical and slim shape of the pump and enables the pump to be installed in confined spaces.

#### 3 Motor Protector

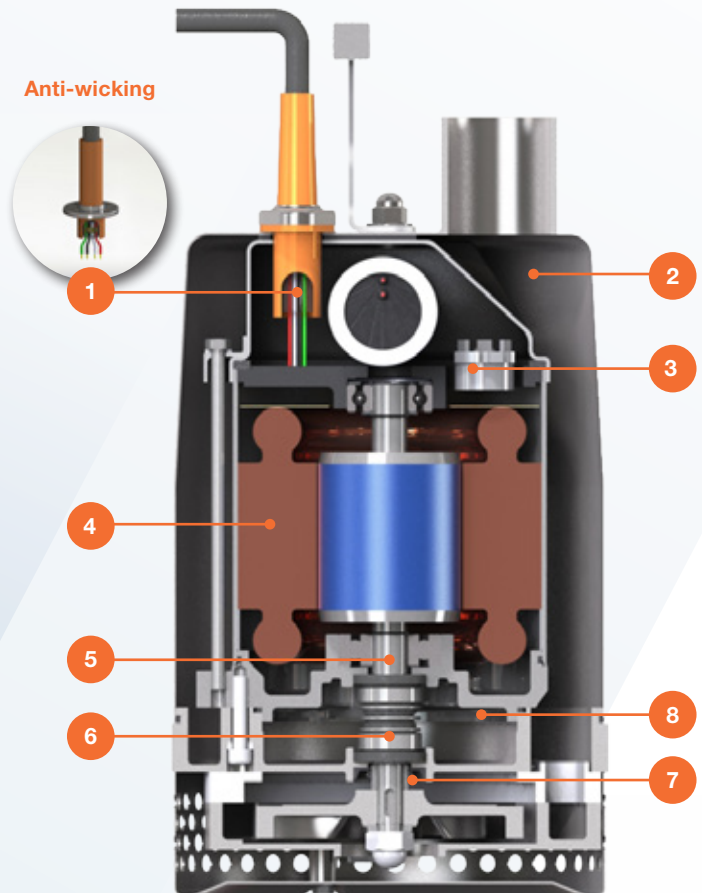
The motor incorporates a circle thermal protector which protects against overheating and dry-run.

#### 4 Submersible Motor

Air filled motor, housed in a watertight casing, conforms to Class F insulation.

#### 5 C3 Ball Bearings and Hardened SS Shaft

High quality of C3 ball bearings and the well-balanced, hardened stainless steel shaft enhance stability during continuous pumping operations.



#### 6 Double Mechanical Seals

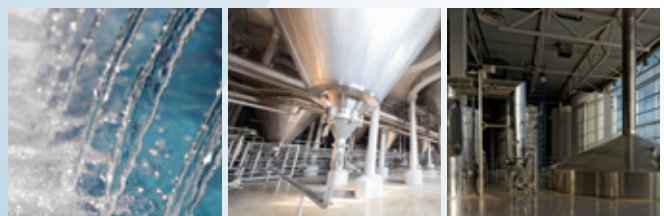
Located in the oil chamber, the device is made of quality materials with highly wear-resistant silicon carbide in lower side that provides extra protection against leakage and dry-run.

#### 7 Extra Protection for Mechanical Seals and Shaft

Lip seals and shaft sleeves are utilized for additional protection against wear.

#### 8 Food Grade Lubricant

PRORIL adopts eco-friendly lubricant to minimize environmental impacts.

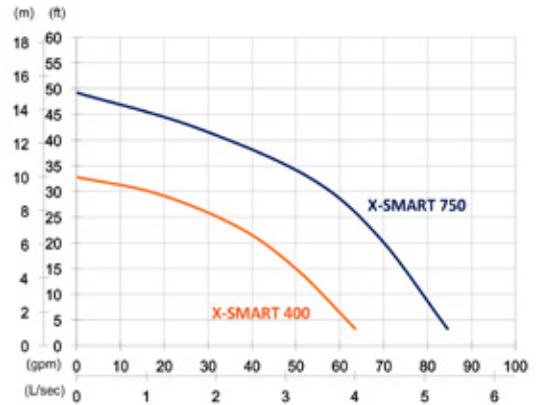


## X-SMART

## 400 750



X-SMART	400	750
Outlet	2" (50mm)	2" (50mm)
Rated Output	0.4kW	0.75kW
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	5.5mm	7mm
Height	329mm	356mm
Diameter	Ø180mm	Ø180mm
Weight	13kg	14kg

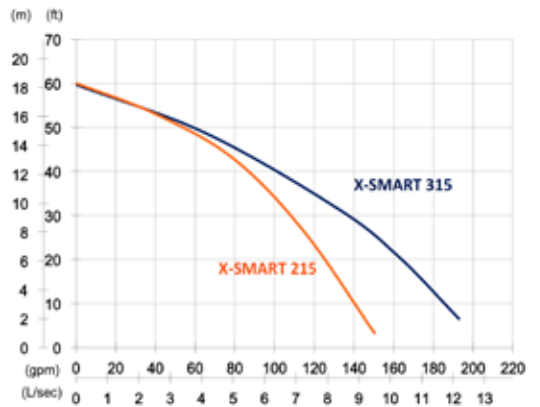


## X-SMART

## 215 315



X-SMART	215	315
Outlet	2" (50mm)	3" (80mm)
Rated Output	1.5kW	1.5kW
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	7mm	7mm
Height	449mm	449mm
Diameter	Ø187mm	Ø187mm
Weight	19kg	19kg

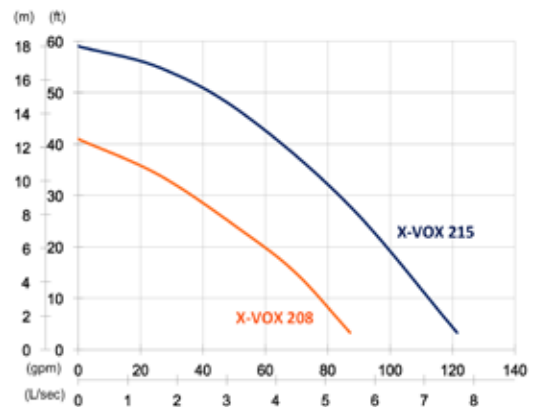


## X-VOX

## 208 215



X-VOX	208	215
Outlet	2" (50mm)	2" (50mm)
Rated Output	0.75kW	1.5kW
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	40mm	37mm
Height	415mm	445mm
Diameter	Ø233mm	Ø233mm
Weight	12kg	15kg



**PRORIL** 

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 **DESIGN  
AWARD**