



## Fishery - Case Study



### Case Study Information

Customer	Fishery
Location	UK
Enquiry Received	20th January
Order Placed	17th March
Order Dispatched	12th May

### Equipment Supplied:

**2 x VRX 200/30** - Vertical immersion centrifugal pumps with vortex impellers

Type	200/30
	Vertical immersion pump for sea water and fish offal
	900RPM, 17Kw 440V / 3Ph / 60Hz
Impeller	Vortex, Bronze
Casing	Bronze
Flow rate	206 m <sup>3</sup> /hr at 6m head
Suction discharge Ø	200 / 200
Column size	700mm

### Enquiry:

- ✓ A fishery contacted us requiring 2 x pumps for the pumping of sea water out of a tank containing fish offal and waste. The solution therefore needed to be able to handle a degree of solid content.

### Solution:

- ✓ We selected 2 of our VRX 200/30 vertical immersion centrifugal pumps with vortex impellers in full bronze for compatibility with sea water.
- ✓ Thanks to the vortex impellers, VRX pumps are able to handle liquids with solids almost as large as the size of the discharge diameter, making it suitable for the fish waste content in the sea water.
- ✓ The column design of this model separates the pump from the motor, which means that only the pump is submerged in the fluid and the motor is outside the fluid, and therefore only an IP55 rated motor is required.
- ✓ The pumps are fitted with 6 pole motors running at 900RPM, the slower motor speed reduces the wear on the pump and therefore increases its lifespan.

