

**Xcelflo®**

## VMS SERIES IN-LINE VERTICAL MULTISTAGE PUMP



The VMS Series is a vertical in-line multistage centrifugal pump which is driven by a standard electric motor. The motor output shaft directly connects with the pump shaft through a coupling. The inlet and outlet are located at the pump bottom at the same plane.

### **Motor**

- Squirrel cage, finned aluminium casing, enclosed construction with external ventilation
- IP55 Protection
- Class F Insulation
- Standard voltage:-  
Single-phase, 220-240V, 50Hz  
Three-phase, 220-240/380-415V, 50Hz

### **Applications**

- Handling of water free of suspended solids in the civil, industrial and agriculture sectors
- Pressure boosting and water supply systems
- Irrigation systems for agriculture and sporting facilities
- Washing systems
- Water treatment plants
- Handling of moderately aggressive liquids
- Circulation of hot and cold water for heating, cooling and conditioning systems
- Boiler feed

### **Features**

- Liquid end entirely made of stainless steel
- Low axial thrust allows use of standard motors
- Seal housing is self venting preventing air build up at mechanical seal faces
- Replacement rotating elements available
- Low maintenance, easy to repair, no special tool required
- All 316 stainless steel version available

### **Specifications**

- Flows to 110 m<sup>3</sup>/h
- Heads to 300 m
- Liquid temperature:
  - Normal temperature type: -10°C to 70°C
  - Hot water type: 70°C to 120°C
- Coupled to any IEC standard motor
- Standard mechanical seal carbon/ceramic/NBR, other option material available



Variable Speed  
Booster Pump System