

## VMS VMSS IN-LINE VERTICAL MULTISTAGE STAINLESS STEEL CENTRIFUGAL PUMP



### General

- The **FLOWZER VMS VMSS** series is a Multistage In-line Centrifugal Pump directly coupled to a totally Enclosed Fan-cooled (TEFC) 50/60Hz Electric Motor.
- High quality stainless steel is offered on wetted parts, which not only good corrosion resistant but also optimum performance and long durability.
- For normal water, the **VMS** series made of **SS 304** fulfills, for liquid contain aggressive elements, the **VMSS** series made of **SS 316** will be applied.
- mechanical Seal in Carbon vs Tungsten Carbide with **NBR** O-ring optional Tungsten Carbide vs Tungsten Carbide with Viton O-ring

### Design Features

- **Vertical In-line** configuration to ensure the mechanical stresses in the piping have no influence on the rotating parts of the pump.
- **In Vertical** construction, Vertical Multistage Pump require minimum floor.
- **Working Temperature**  
- 15°C to + 90°C on standard construction.  
- 15°C to + 120°C for optional construction.
- **Working Pressure**  
From 16 Bar to 40 Bars depending on the pump's models.
- **Integrated Frequency Invertor Motor**  
For pressure boosting which constant pressure is required, the motor can be integrated with Frequency Invertor and PID controller for UP to 6 units of pump.

### Applications

- Supplying water
- The circulation of hot and cool water for central heating and cooling.
- The implementation of pumping systems.
- In water treatment plants.
- Pressure boosting.
- Fire-fighting and fire sprinkler systems.
- Washing and Irrigation systems.
- Boiler Feed.
- Chemical process plant.