

# ARMSTRONG



CVL



CVF

## Vertical Multistage Centrifugal Pump

## Vertical multistage Centrifugal Pump

### Features

- Vertical multistage non-self-priming centrifugal pump.
- Excellent corrosion resistance by stainless-steel casing and impeller.
- Designed for Continuous Operation.
- Can adopt to smart controls integration Energy efficient for a longer period.
- Totally Enclosed Fan Cooled induction motor with oversized Greased-for-life ball bearings
- Inbuilt thermal overload protection
- Degree of protection: IP55, Insulation Class: F
- Suitable for power supply: AC, 50Hz, single Phase (220-240V)/Three phase(380-415V)

### Applications

- Domestic water supply and pressure boosting
- Heating and cooling for industrial process
- Water treatment
- Irrigation

### Material of Construction

- Pump Body Casing: Stainless Steel, AISI 304 / AISI 316
- Impeller: Stainless Steel, AISI 304 / AISI 316
- Shaft: Stainless Steel, AISI 304 / AISI 316
- Mechanical Seal: Silicon carbide / Carbon
- O-ring: Viton

### Operating limits

- Maximum working pressure: up to 25 bar (depending on the model)
- Minimum & Maximum Liquid temperature: -20 to +104°C.
- Maximum Ambient Temperature: Up to +50° C.
- Service/Duty type: S1 (Continuous)

### Product Range

Range	Rated flow (m <sup>3</sup> /h)	Liquid temperature range (° C)	Max. Pressure (bar)	Motor power P2 (kW)	Connection type
CVL1	1	(-20 to +104)	25	0.37 to 2.2	Threaded
CVL3	3		25	0.37 to 3	Threaded
CVL5	5		25	0.37 to 5.5	Threaded
CVL10	10		25	0.37 to 7.5	Flanged
CVL15	15		25	1.1 to 15	Flanged
CVL20	20		25	1.1 to 18.5	Flanged
CVF32	32		30	1.5 to 30	Flanged
CVF45	45		33	3 to 45	Flanged
CVF64	64		25	4 to 45	Flanged
CVF90	90		25	5.5 to 45	Flanged

Our policy is one of continuous improvement and we reserve the right to alter our dimensions and specifications without notice

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