

ARMSTRONG 



**Self-priming
Horizontal multistage
Centrifugal Pump**

Self-priming Horizontal multistage Centrifugal Pump

Features

- Horizontal multistage self-priming centrifugal pump.
- Excellent corrosion resistance by stainless-steel casing and impeller.
- Robust and Compact design.
- 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
- Gardening/orchards irrigation
- Rainwater utilization/harvesting and light industrial use
- Cooling tower

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: Carbon / Ceramic
- O-ring: Viton

Operating limits

- Maximum working pressure: 10 bar
- Maximum Liquid temperature: 70°C.
- Maximum Ambient Temperature: Up to +50° C.
- Manometric suction lift/head up to 4 metres
- Service/Duty type: S1 (Continuous)

Product Range

| SERIES | POWER (P2) | Q | m3/h | 0 | 2.4 | 4.2 | 6 |
|--------|--------------|-------|-------|---|-----|-----|-----|
| | kW | | l/min | 0 | 40 | 70 | 100 |
| ZCMI1 | 0.25 to 0.37 | Range | | x | x | | |
| ZCMI3 | 0.37 to 0.55 | | | x | x | x | |
| ZCMI5 | 0.55 to 1.1 | | | x | x | x | x |

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

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