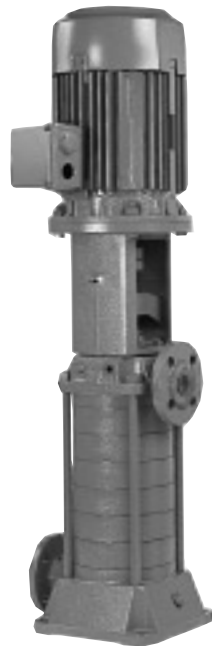


MCV, MCVS

Vertical multistage pump



System characteristics

The MCV(S) family, a range of vertical high pressure multistage pumps, has a high interchangeability in parts to other pumps from Johnson Pump, like MCH and MCHZ.

There are seven different sizes, each built up with one or more stages.

Applications

The MCV(S) pump family is suitable for handling clean or slightly contaminated liquids for instance well water, hot water, various coolants, condensed water, brine lye, sea water, petrol, kerosene, and petroleum.

For e.g. booster installations, hot water circulating systems, airconditioning systems, cooling for stationary and marine installations, industry, waterworks, agriculture and horticulture, spraying installations and ship-building. As a general service and transport pump for feed installations in the industry, industries in general, road building and hydraulic engineering.

Pump specifics

- Suitable for a wide span of duties
- Rubber coupling guarantees a noiseless pump and also a long life
- Large hydraulic field of application
- Also available in horizontal position
- Suitable for various liquids
- High interchangeability in spare parts between different sizes, thus limiting spare parts stock levels

Technical data

| | |
|-----------------------------|---|
| Type MCV: | Stuffing box packing Temperature -15°C – +105°C |
| Type MCVS: | Mechanical seal Temperature -20°C – +120°C |
| Maximum capacity: | 100 m ³ /h |
| Maximum delivery head: | 340 m |
| Maximum operating pressure: | 40 - 3 x inlet pressure bar (4000 - 3 x inlet pressure kPa) <i>depending on pump size/materials</i> |

Materials

| | | |
|----------------------|-------------|--------|
| Casing parts | Cast iron | |
| Impeller | Cast iron | Bronze |
| Pump shaft | Steel alloy | |
| Lantern piece | Cast iron | |

