

Movitec VCI

Multistage High-pressure Immersion Centrifugal Pump



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| <ul style="list-style-type: none">• Machine tools• Industrial washing machines | <ul style="list-style-type: none">• Condensate transport• Recirculation in filter systems |
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Movitec VCI – Multistage High-pressure Immersion Centrifugal Pump

Operating data

Characteristic		Value
Flow rate	Q [m³/h]	≤ 22,5
Head	H [m]	≤ 249
Fluid temperature	T [°C]	≥ -10 ≤ +120
Operating pressure	p [bar]	≤ 25

Technical data

Size	Mating dimension, discharge side	Immersion depth [mm]
2 / 4 / 6	Pipe connection with internal thread G 5/4	≤ 840
10 / 15	Pipe connection with internal thread G 2	≤ 799

Benefits

■ Maximum operating reliability

- Advanced, high-precision manufacturing ensures top quality in pump engineering.
- Robust, high-quality materials prove resistant under demanding operating conditions.
- The compact, easy-to-replace cartridge seal makes for simplified maintenance.
- Small amounts of leakage are automatically returned into the tank which ensures cleanliness, safety and reliability.

■ Outstanding efficiency

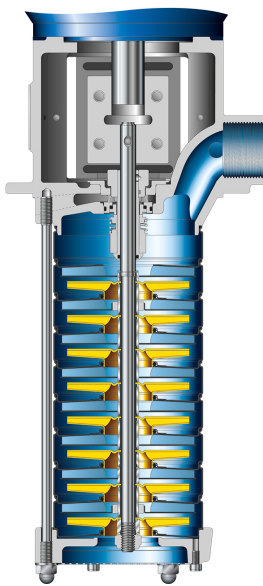
- The pump achieves excellent hydraulic efficiency through an optimised flow passage.
- All hydraulic components are manufactured based on high-precision production technology.
- Highly efficient motors reduce energy consumption.

■ Flexibility for diverse applications

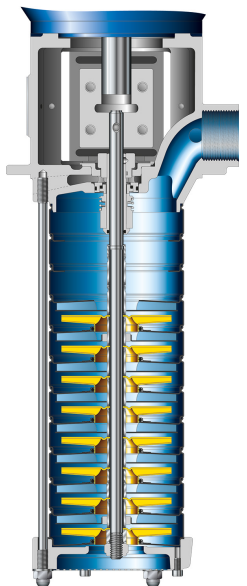
- The modular design incorporates blind stages enabling flexible immersion depths.
- A large range of sealing materials makes for the most diverse of applications.
- A range of different motor options, e.g. with multiplug connectors or special voltages, is available.
- Interchangeability with competitor products is straightforward thanks to comparable dimensions.

■ Low life cycle costs

- Energy consumption is reduced which contributes to lower operating costs over the product's entire life cycle.
- Initial investment is lower than for alternative solutions.
- The robust and service-friendly design keeps maintenance costs low.



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Movitec VCI with blind stages

Materials

Component	Material
Hydraulic system of the pump	Stainless steel 1.4301
Drive lantern and suction casing	Grey cast iron JL1040 with cataphoretic coating