

► Our technology. Your success.

Pumps • Valves • Service



Movitec – High-pressure In-line Pump



Applications:

- Industry
- Building Services
- Chemical industry
- Heat and steam generation
- Food industry
- Cooling water supply
- Irrigation and spray irrigation
- Water treatment
- Pharmaceutical industry
- Washing plants
- Marine applications
- Fire fighting and sprinkler systems
- Pressure boosting
- HVAC

More information:

www.ksb.com/products

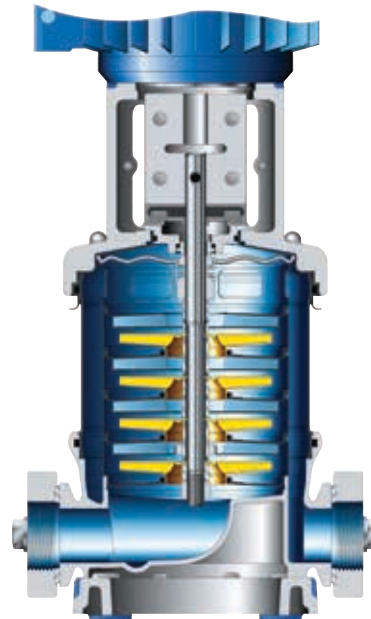
Movitec – High-pressure In-line Pump

- Energy efficient**
 - Higher efficiencies
 - Very low NPSH values
 - Maximum energy efficiency at full transparency of pump operation with PumpDrive
- Flexible**

Large variety of materials and connections as well as extended temperature and pressure range
- Reliable**

Product-lubricated plain bearing of tungsten carbide, cast pump foot, torsion-resistant pump shroud and coned O-rings
- Easy to service**
 - Can be fitted with any standardised mechanical seal (to EN12756)
 - Can be fitted with Easy Access and cartridge seals allowing quick replacement
- Long service life**

Corrosion-resistant hydraulic components made of stainless steel



Technical data

| Movitec | VC, V, VS | LHS |
|----------------------------------|-------------|-------------|
| Max. flow rate m ³ /h | 112.8 | 6 |
| Max. head m | 255 | 8.6 |
| Max. pressure class PN | 40 | 40 |
| Fluid temperature in °C | -20 to +140 | -15 to +120 |

| | Materials | | Sizes | | | Other sizes |
|------------------|------------------------------------|---------------|-------------------------|----|---|-------------|
| | | | 2/4/6/10/15/25/40/60/90 | VC | V | |
| Baseplate | Cast iron ¹⁾ | JS1030/JL1040 | – | • | • | – |
| | Cast stainless steel | 1.4308 | – | ◦ | ◦ | – |
| Pump casing | Cast iron ²⁾ | JL1040 | • | – | – | – |
| | Cast stainless steel | 1.4308 | – | • | – | – |
| | Cast stainless steel | 1.4408 | – | – | • | • |
| | Edelstahl | 1.4301 | – | – | – | – |
| | Edelstahl | 1.4404 | – | – | – | – |
| Hydraulic system | Edelstahl | 1.4301 | • | • | – | – |
| | Edelstahl | 1.4404 | – | – | • | • |
| | Cast stainless steel ³⁾ | 1.4308 | • | • | – | – |
| | Cast stainless steel ³⁾ | 1.4408 | – | – | • | – |

¹⁾Powder-coated / JS 1030 or JL 1040, depending on strength required
²⁾With cathaphoretic coating ³⁾Size 90 only

• Standard (pre-configured model)
 ◦ Optional – Not available



Round flange
Movitec VF



Round flange
Movitec VSF



Round flange
Movitec VCF



External thread con-
nector Movitec VE



Oval flange
Movitec V



Oval flange
Movitec VS



Victaulic coupling
Movitec V(S)V



Triclamp coupling
Movitec V(S)T



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