

## 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](http://www.ksb.com/products)

# Movitec – High-pressure In-line Pump

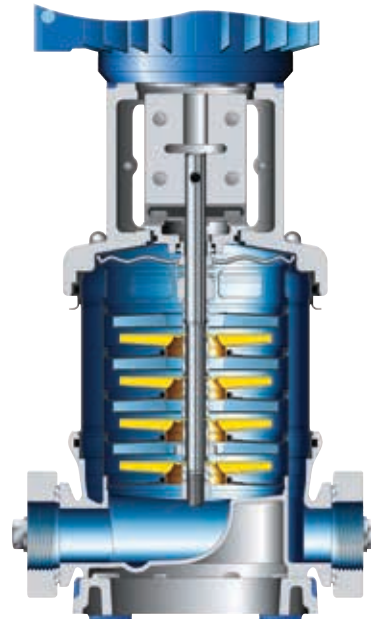
- Energy efficient**
  - Higher efficiencies.
  - Very low NPSH values.
  - Maximum energy efficiency at full transparency of pump operation with PumpDrive.
- Flexible**

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.
- Ground-breaking features for saving energy**

Equipped with PumpDrive for variable-speed operation. Efficiency level IE5\* in combination with the KSB SuPremE® motor.



## Technical data

Movitec	VC, V, VS	LHS
Max. flow rate m <sup>3</sup> /h	192	8.6
Max. head m	255	401
Max. pressure class PN	40	40
Fluid temperature in °C	-20 to +140	-15 to +120

Max. data for 60 Hz operation

	Materials		Sizes			Other sizes
	● Standard (pre-configured model) ○ Optional – Not available		2/4/6/10/15/25/40/60/90/125			LHS6
Baseplate	Cast iron <sup>1)</sup>	JS1030/JL1040	–	●	●	–
	Cast stainless steel	1.4308	–	○	○	–
Pump casing	Cast iron <sup>2)</sup>	JL1040	●	–	–	–
	Cast stainless steel	1.4308	–	●	–	–
	Cast stainless steel	1.4408	–	–	●	●
Hydraulic system	Edelstahl	1.4301	●	●	–	–
	Edelstahl	1.4404	–	–	●	●
	Cast stainless steel <sup>3)</sup>	1.4308	●	●	–	–
	Cast stainless steel <sup>3)</sup>	1.4408	–	–	●	–

<sup>1)</sup>Powder-coated / JS 1030 or JL 1040, depending on strength required <sup>2)</sup>With cataphoretic coating <sup>3)</sup>Size 90 and 125 only  
 \* IE5 in accordance with IEC/TS 60034-30-2 up to 15/18.5 kW (only for 1500 rpm types rated 0.55 kW, 0.75 kW, 2.2 kW, 3 kW, 4 kW: IE5 in preparation)



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



**KSB Aktiengesellschaft**  
 Johann-Klein-Straße 9  
 67227 Frankenthal (Germany)  
 www.ksb.com