

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

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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 conned O-rings.

Easy to service

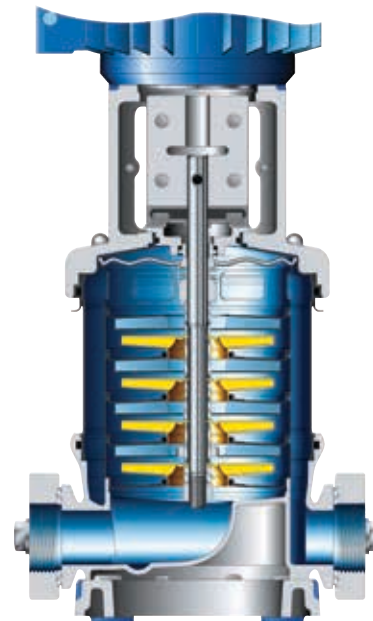
- Can be fitted with any standardised mechanical seal (to EN12756).
- Can be fitted with Easy Access and cartridge seals allowing quick replacement.

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 IE4 to IEC/CD 60034-30 Ed. 2. in combination with the KSB SuPremE® motor.



Technical data

Movitec	VC, V, VS	LHS
Max. flow rate m³/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 <div>● Standard (pre-configured model) ○ Optional – Not available</div>		Sizes 2/4/6/10/15/25/40/60/90/125			Other sizes
			VC	V	VS	LHS6
Baseplate	Cast iron ¹⁾	J51030/JL1040	–	●	●	–
	Cast stainless steel	1.4308	–	○	○	–
Pump casing	Cast iron ²⁾	JL1040	●	–	–	–
	Cast stainless steel	1.4308	–	●	–	–
	Cast stainless steel	1.4408	–	–	●	●
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 cataphoretic coating ³⁾Size 90 and 125 only



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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