

Estigia – Vertical, single stage, medium duty sump pump type VS4



Applications:

Pump for handling a wide range of fluids. These pumps can be used for organic and inorganic fluids without or with moderate solids content.

- Automotive industry
- Iron and steel industry
- Marine applications
- Food industry
- Paper industry
- Chemical and petrochemical industries
- Water treatment systems
- Surface treatment systems
- Paint booths
- Air-conditioning systems
- Washing plants
- Energy generating plants
- Mining

More information: www.ksb.com

3 impeller geometries available



Closed



Channel



Vortex

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Proven performance

Estigia combines the proven technology of the MegaCPK industrial pump to ISO 5199 and the Amarex KRT submersible waste water pump series.

1 Wide application range

Three impeller types available to meet the requirements of the fluid handled.

- Closed impeller for clean liquids
- Multi-channel impeller (K) for fluids with a moderate content of small solids
- Vortex impeller (F) for fluids containing fibres or entrapped air/gas

2 Robust radial bearings

Pump-side plain bearings made of SiC/SiC offer low wear and reliable operation. Different lubrication options available to suit specific challenges.

- Lubrication by fluid handled
- Injection of external fluid
- External grease supply

3 Integral thrust bearings

Grease-packed bearings sealed for life are designed for a minimum rated lifetime of 17.500h acc. to ISO 5199. The motor bearings are not subject to loads from the pump.

4 Variety of seals

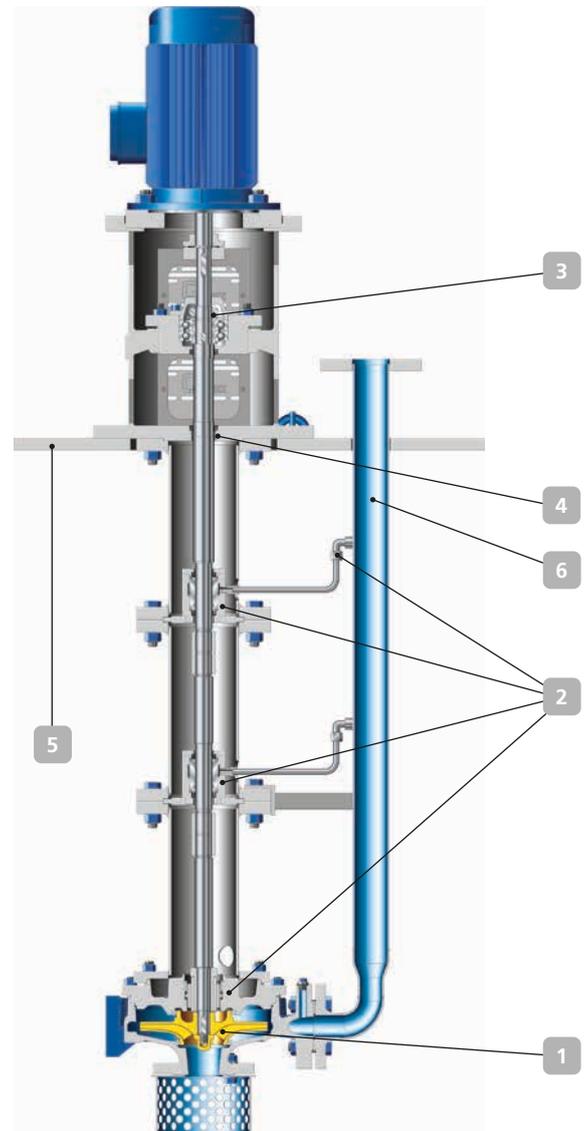
Shaft with lip seal as standard. Different types of mechanical seals, e.g. single and double cartridge seals as well as seals to API 682 category 1, are available to meet specific requirements

5 Flexible installation

Soleplate available in rectangular or circular (drilled to DIN or ASME) design allows easy adaptation to different installation conditions.

6 Reduced losses

Three different diameters for discharge piping for every pump size make for optimised pump selection with reduced head losses or higher flow speeds to avoid clogging.



Materials variants

- Casing in grey cast iron with impeller in stainless steel, duplex or white iron
- Casing and impeller in stainless steel
- Casing and impeller in duplex

Technical data	50 Hz	60 Hz
Max. flow rate	1160 m ³ /h / 5107 US gpm	1450 m ³ /h / 6384 US gpm
Max. head	110 m / 361 ft	
Max. pressure	16 bar / 232 psi	
Max. temperature	-30 to +100 °C / -22 to +212 °F	
Max. immersion depth	6 m / 20 ft	

Deviating values on request



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