

## Estigia – Vertical Immersion Pump



### 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

### More information:

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

# Estigia – Vertical Immersion Pump

In Accordance with ISO 5199 (with Comments) and Directive 94/9/EC (ATEX)

## 1 Hydraulic characteristics

Optimised for excellent efficiency and NPSH, ensuring energy-efficient and environmentally friendly use of resources

## 2 Wear-resistant

Product-lubricated SiC/SiC plain bearing at the pump end

## 3 Intermediate bearings (1 or 2)

Available for 2 or 3 support column sections, maximum length of each support column section: 2021 mm

## 4 Three options for plain bearing lubrication

- Fluid handled
- External fluid
- Electric grease pump

## 5 Sealing options

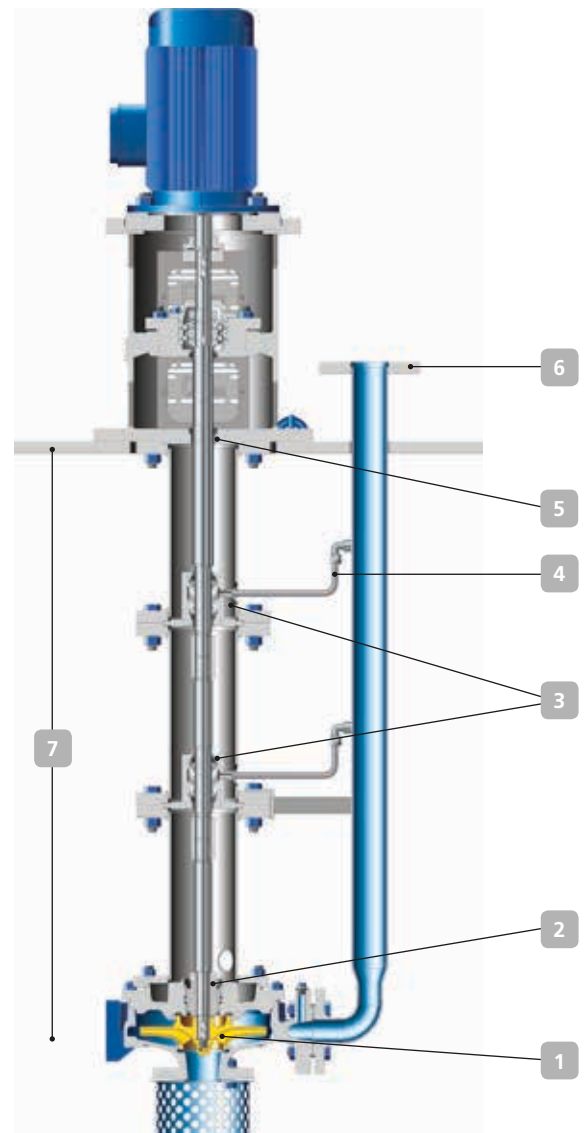
Lip seal or single/double cartridge mechanical seal

## 6 Minimum pressure losses in the discharge pipe

For each pump size, 3 discharge pipe DN options are available

## 7 Variable immersion depth

From 0.7 to ~6 m (~6.5 m up to strainer edge)



### Materials variants

Grey cast iron JL1040 / A 48 CL 35  
Stainless steel 1.4408 / A743 GR CF8M  
Duplex (Noridur) 1.4593 / 1.4517 / A995 CD4M CuN

### Technical data

	50 Hz	60 Hz
Flow rate Q [m³/h]	≤ 1160	≤ 1450
Head H [m]	≤ 110	
Fluid pressure P <sub>2</sub> [bar]	≤ 16	
Fluid Temperature T [°C]	-30 ≤ T ≤ 100	
Max. immersion depth [m]	6	



KSB SE & Co. KGaA  
Johann-Klein-Straße 9  
67227 Frankenthal (Germany)  
www.ksb.com