Innovation!
Stainless Steel Immersion Pumps ES

Centrifugal pumps made of welded stainless steel

High strength and good resistance to chemicals at a very low weight.

Technical data
- Delivery rate
  \( Q_{\text{max}} = 70 \text{ l/min} \)
- Delivery head
  \( H_{\text{max}} = 6 \text{ m} \)
- Temperature range to \(+80 \, ^\circ\text{C}\)

Product features
- Centrifugal pump, 1-stage
- Sealless
- Open impeller
- Port dimensions to DIN EN 12157
- Immersion depths: 170, 220, 270 mm
- Various drive options:
  standard motor to DIN EN 60034,
  also available in 'increased safety' type of enclosure (EEexe)
  or 'flameproof enclosure' (EExd);
  pneumatic motor
**Main applications**
- Printing machines
- Surface coating/impregnation
- Medical equipment
- Erosion systems
- Electroplating baths
- Washing/degreasing installations
- Foodstuffs industry (peripheral conveyance tasks)
- etc.

**Liquids**
- Printing ink, with solvents
- Water-based paints
- Lacquers
- Water, also de-ionized
- Emulsions
- Oils
- Cleaning liquids
- etc.

**Viscosities:** up to 160 mm²/s (higher ones on request)

**Temperatures:** up to +80 °C

**Ambient temperature:** max. 40 °C (other on request)

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**Product advantages**
Our new product, an immersion pump made of stainless, deep-drawn, welded sheet steel, has a number of advantages over cast pumps.

- All pump components of stainless steel 1.4301; shaft of stainless steel 1.4122.
- Good price/performance ratio.
- Easy to handle due to low weight (approx. 10 kg).
- Fast and thorough cleaning due to smooth surfaces. Sticking of fluids and bacteria is minimized.
- Flexibility due to various types of drives.
- Dependability, even with highly viscous liquids, due to special pump hydraulics.

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**Electrical Data**

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<tr>
<td>50</td>
<td>230 / 400</td>
<td>1.72 / 1.0</td>
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Type of enclosure: IP 54
Insulation class: F,B
CE sign

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**Spandau stainless steel pumps:**
Corrosion-proof—chemicals-resistant—light—quiet—easy to clean

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