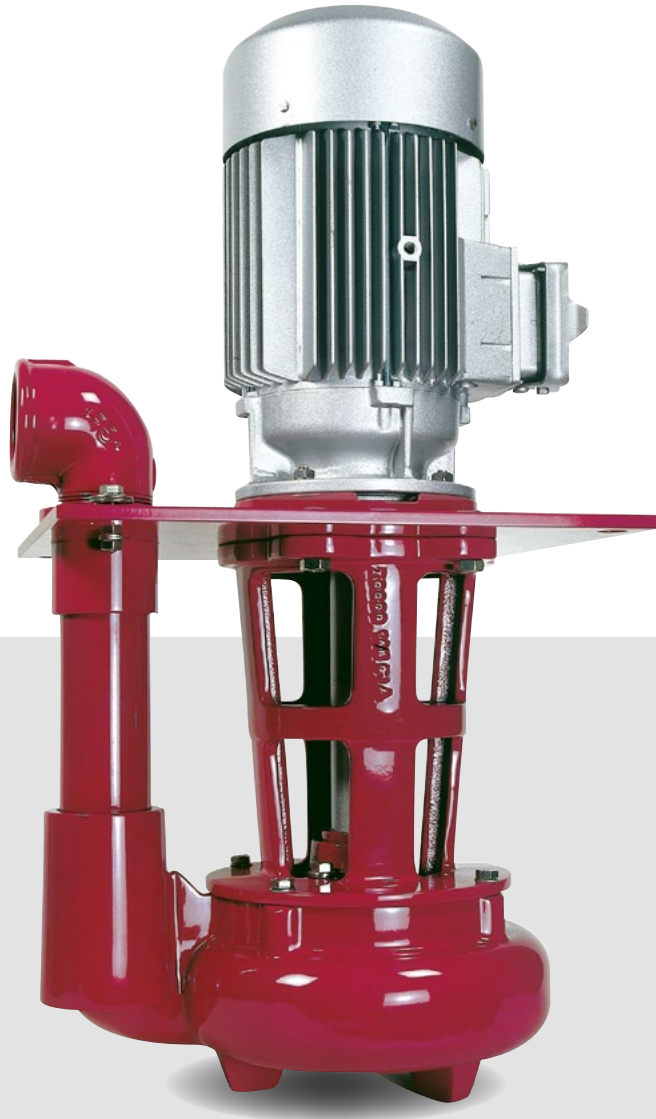
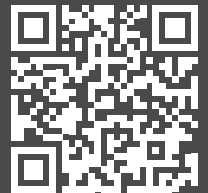


- ▶ Return pump for machine tools
- ▶ Filter technology
- ▶ Surface technology
- ▶ Process engineering
- ▶ Environmental technology



DOWNLOADS

- ▶ Manual
- ▶ Productinformation



Short description

- ▶ Quick suctioning
immersion pumps type SZ

Quick suctioning immersion pumps type SZ:

Powerful and reliable!

Individually configurable – according to your requirements.

Features

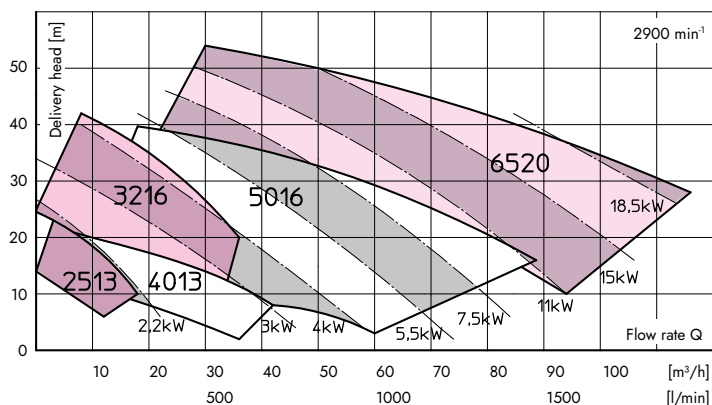
- ▶ Robust design
- ▶ Energy-efficient, cost-effective, maintenance-free
- ▶ High reliability
- ▶ Open impellers
- ▶ Individually configurable
- ▶ Seal shaft passage (optional)
- ▶ Various immersion depths (250, 320, 450, 550, 750 or 980 mm)
- ▶ Characteristic field extendable with the use of a variable speed drive
- ▶ Free ball passage up to 20 mm
- ▶ Also available with 4-pole motors

Technical data

- ▶ For polluted media with high air inclusions up to 15 percent by volume
- ▶ Flow rate 50 – 1,800 l/min
- ▶ Delivery head up to 50 m
- ▶ Material: cast iron
- ▶ Motors: up to 3 kW 230/400 V 50 Hz, from 4 kW 400/690 V 50 Hz, 460 V 60 Hz and other voltages on request

Performance characteristics

All values for water at 20 °C



Illustration

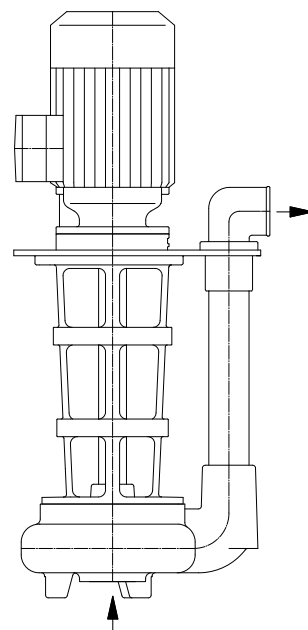


Fig.:
Pump type SZ 50-16

The quick suctioning immersion pumps type SZ are ideal for pumping liquids with high air inclusions such as emulsions, grinding and cutting oils. The impeller of the SZ is a combination of an open impeller and a compressor impeller, which allows the simultaneous transport of air and media with pollutants. This makes the SZ pump the ideal quick suction-

ing immersion pump for almost all processes in grinding technology and heavy machining. Due to the open impeller construction, foreign particles up to a diameter of 20 mm can be pumped easily. Schmalenberger offers these pump series for flow rates of 50 to 1,800 l/min and for delivery heads up to 50 m.

A maintenance-free silicon carbide throttling bush seal provides the necessary shaft sealing and guiding. With over 70 years of experience in industrial pump technology, we are a supplier that guarantees reliable quality products. Give us a call, it will be our pleasure to assist you.