

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

schmalenberger
strömungstechnologie



Short description

- ▶ Free-flow immersion pumps
Type FZ

Free-flow immersion pumps type FZ: Powerful and reliable!

Individually configurable – according to your requirements.

Features

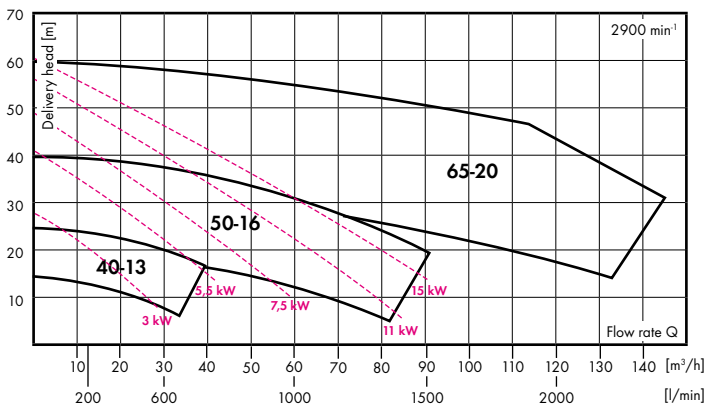
- ▶ Robust design
- ▶ High reliability
- ▶ Individually configurable
- ▶ Recessed impeller for heavily polluted media
- ▶ Variable immersion depths available (250, 320, 450, 550, 750 or 1,000 mm)
- ▶ Characteristic field extendable with variable frequency drive
- ▶ Free ball passage up to 50 mm
- ▶ Available with 4-pole motors

Technical data

- ▶ Free-flow immersion pump in block construction or with bearing carrier for standard motors
- ▶ For heavily polluted or abrasive media with up to 6 percent by weight
- ▶ Flow rate 50 - 2,300 l/min
- ▶ Delivery head up to 60 m
- ▶ Material: cast iron / stainless steel (1.4408)
- ▶ Various throttling bushings
- ▶ Motors: up to 3 kW 230/400 V 50 Hz, from 4 kW 400/690 V 50 Hz, 460 V 60 Hz, other voltages on request

Performance characteristics

All values for water at 20 °C



Illustration

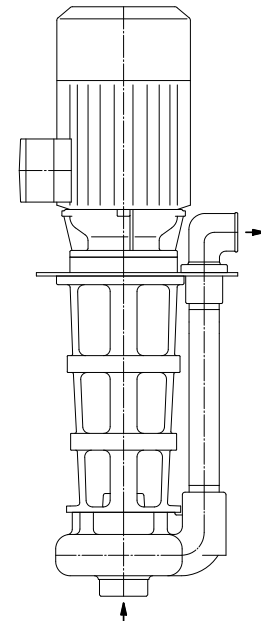


Fig.:
Pump type FZ 40-13

The free-flow immersion pumps type FZ are equipped with a recessed impeller that makes this model ideal for pumping heavily polluted or abrasive fluids such as lubricants

and waste water. These pumps are particularly suitable for the use in systems in which centrifugal pumps with closed or semi-open impellers would not be acceptable. With

over 60 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.