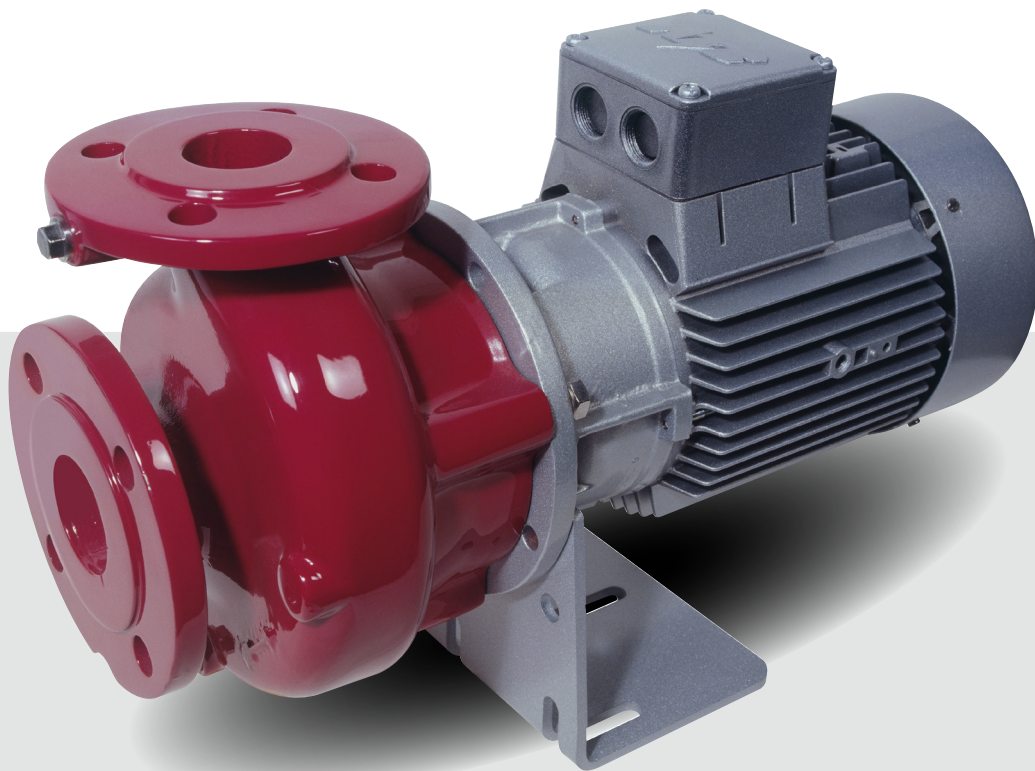


- ▶ Return pump for machine tools
- ▶ Filter technology
- ▶ Surface technology
- ▶ Process engineering
- ▶ Environmental technology

**schmalenberger**  
strömungstechnologie



#### Short description

- ▶ Torque flow centrifugal pumps type FB

# Torque flow centrifugal pumps type FB:

Powerful, reliable and extremely robust!

Individually configurable – according to your requirements.

## Features

- ▶ Robust design
- ▶ Minimal space requirements
- ▶ Individually configurable
- ▶ Maintenance-friendly construction
- ▶ High reliability
- ▶ Characteristic field extendable with the use of a variable speed drive
- ▶ Free ball passage up to 50 mm
- ▶ Also available with 4-pole motor

## Technical data

- ▶ For coarse and heavily polluted media with up to 6 percent by weight
- ▶ Flow rate 50 – 2,000 l/min
- ▶ Delivery head up to 58 m
- ▶ Material options: cast iron and stainless steel (316L)
- ▶ Various sealing options available
- ▶ Block construction or with bearing carrier for standard motors
- ▶ Optional dry run protection or confining chamber
- ▶ 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

## Version with block motor

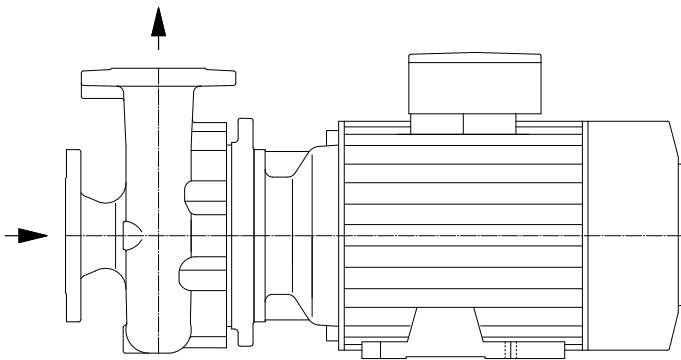
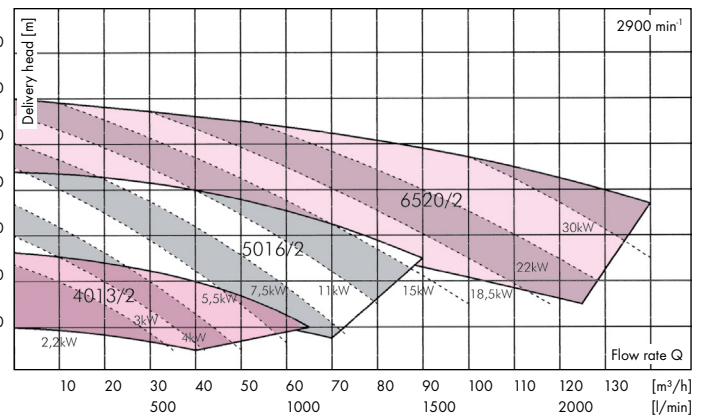


Fig.: Pump type FB 50-16

## Performance characteristics

All values for water at 20 °C



Torque flow centrifugal pumps series FB are single-stage horizontally mounted pumps. Because of their robust and service-friendly construction the FB pumps can be used in a wide variety of applications. With the numerous variations the pumps are available for a broad range of flow rates and delivery

heads. Due to the hydraulic design, pumps type FB are resistant to coarse and heavily polluted media. Type FB pumps are suitable for chemically neutral and aggressive media such as alkaline solutions, solvents and lubricants used in surface technology, washing, cleaning, degreasing, pickling and phosphat-

ing as well as returning chip-containing coolants. 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.