

Waste water pumps Söffel



Fields of application

- water disposal in building industry and in mining
- pumping dry of inundated rooms
- keeping dry of holes and seepage pits
- disaster control and fire brigades
- watering and draining in communities, gardens and domestic sectors
- water supply in industry and agriculture

Waste water pumps Söffel 0, A, B, C, D

Advantages

- mobile use
- low weight
- slim design
- fully submersible
- non-supervised permanent operation
- operation independent of position
- environmentally friendly, due to use of biodegradable chamber liquid
- long maintenance-free operation periods
- long service life
- wear resistant and easy to maintain
- sipping suction operation
- tandem operation for higher pressures

Performance range

- capacity $Q =$ up to 450 m³/h
- head $H =$ up to 38 m
- continuous operation S1

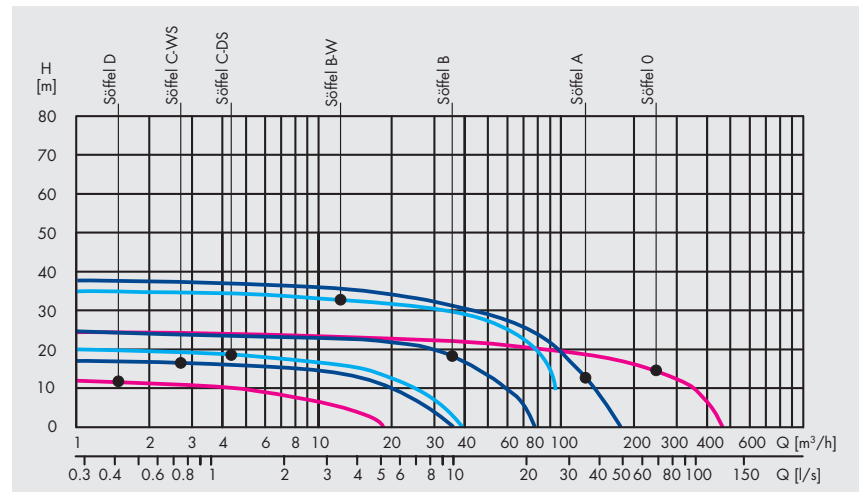
Pumped medium

- waste water with solids up to 10 mm diam.
- pH-value 4–8
- temperature at permanent operation up to 40 °C, short term up to 60 °C

Design

- submersible single-stage centrifugal pump
- sealing of motor casing by high-quality mechanical seals
- antifriction bearing with permanent grease lubrication
- cooling of motor by circulation of pumped fluid
- execution with motor protector
- optional automatic fluid level control
- electric power feeder cable with protective conductor, resp. standard plug
- discharge end with "STORZ"-coupling, Whitworth pipe thread or flange

Operating Data



Materials

	Söffel D	Söffel B, C	Söffel 0, A
Casing	Stainless steel	Aluminium alloy	Aluminium alloy
Impeller	Noryl/Stainless steel	Polyurethane/Stainless steel	Stainless steel
Shaft	Stainless steel	Stainless steel	Stainless steel
Shaft sealing	Mechanical seal	Dual mechanical seal	Dual mechanical seal

Accessories

Complete programme of electrical and mechanical accessories

- motor starters
- external float switches
- deep suction fittings
- tandem couplings
- pipe adapter to align the pump centrally to the pressure pipe
- non-return valves
- reducing sockets "STORZ"
- threaded flanges
- double and reducing nipples
- pipe conduits, bends and fittings
- flexible tubes

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