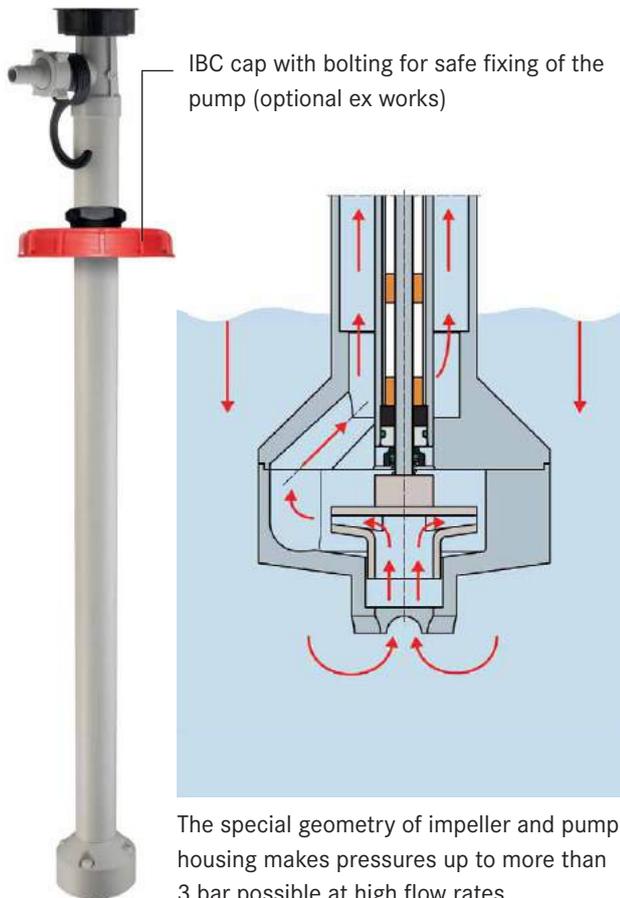


F 430 PP 100/50

Special container pump for higher delivery heads

Pump F 430 PP 100/50 in polypropylene was designed for higher delivery pressure. Instead of a rotor, it is equipped with an impeller in a pump housing. In connection with the powerful FLUX motors the pump delivers a far higher pressure of over 3 bar compared to pumps with semi-axial rotors. This makes it especially convenient for conveying media out of e.g. IBCs and other containers into higher lying pipe systems or out of an IBC in the basement to a higher floor.



The special geometry of impeller and pump housing makes pressures up to more than 3 bar possible at high flow rates.



Conveying of galvanic wastewater into a higher disposal network.

Technical data

Flow rate max.	105 l/min*
Delivery head max.	32 mwc*
Viscosity max.	150 mPas*
Materials pump	Polypropylene
Standard immersion depths (mm)	1 000/1 200/1 500
Other immersion depths/ special lengths (mm)	500 - 1 500

Functional description

The F 430 PP 100/50 works on the principle of a classical centrifugal immersion pump. The medium enters through the opening of the pump housing and is conveyed by the rotation of the impeller to the outlet of the pump.

Product characteristics

- ▶ For media such as acids and alkalis as well as for almost all low-viscosity, neutral liquids
- ▶ With mechanical seal to seal the inner tube
- ▶ Inner tube with metal core
- ▶ For IBCs, in connection with powerful motors
- ▶ When using in an IBC we recommend the IBC cap with bolting (see picture above left)

Advantages

- ▶ The pump has a significantly higher delivery head compared to pumps with semi-axial rotor (Z-rotor) (cf. table page 31)
- ▶ Allows the conveying of media out of an IBC in the basement to higher floors
- ▶ Ideal for pumping media into a higher lying pipe system
- ▶ Can be used to supply pipe line networks e.g. for feeding process water
- ▶ Unique, the inner tube reinforced with a metal core. It enables full function of the mechanical seal in all application temperature ranges and prevents leakage and unnecessary wear