

## JUNG HYGHSIN DOUBLE FLOW SERIES

### Hygienic twin screw pump

#### JPS HYGHSIN 90DF

- Flow rate 1m<sup>3</sup>/h to 30m<sup>3</sup>/h
- Pressure up to 50 bar
- Viscosity up to 1,000,000 cSt
- Temperature -10°C to +130°C (160°C)
- Mx. particle size 19mm



#### Product description

The HYGHSIN Double Flow extends the range of the HYGHSIN series for high differential pressures of up to 50 bar, making it suitable for high-pressure applications.

The HYGHSIN Double Flow is a double flow twin screw pump made of stainless steel. It has two external inlet connections and one central outlet connection. A two-sided bearing controls the shaft deflection. The axial thrust caused by the high pressures is compensated internally. The shaft seals are arranged on the suction side. In brief, all the essential components are loaded only slightly despite the high differential pressures so that increased reliability and excellent durability is the result. The simultaneous utilisation of two stages also makes it possible to convey a large volume flow.

The HYGHSIN Double Flow is the hygienic and gentle handling solution for high pressure applications.

#### Specifications

<b>Connection</b>	Different sizes and connector standards by arrangement
<b>Differential Pressure</b>	50
<b>Flow max m<sup>3</sup>/h Double</b>	40
<b>Maximum diameter of solid material</b>	11.5
<b>Pump orientation</b>	Horizontal, vertical or lateral
<b>Temperature range from</b>	-10
<b>Temperature range to</b>	180
<b>Viscosity</b>	0.5 - 1,000,000 mPas



