

General Characteristics

Fixing type	Foot mounting
Pipe connection	BT: Whitworth-Pipe thread BTH: Whitworth-Pipe thread flange, flange with counterflange
Direction of rotation	BT = clockwise and anticlockwise BTH = clockwise or anticlockwise
Weight	see page 11 ... 15
Fitting position	horizontal
Ambient temperature	$\vartheta_{u \min} = -10\text{ }^{\circ}\text{C}$ $\vartheta_{u \max} = 60\text{ }^{\circ}\text{C}$

Operating Characteristics

Operating pressure	
Inlet port	$p_{e \min} = -0.4\text{ bar}$
Outlet port *	$p_N = 8\text{ bar}$ 1 bar to BT0 5 bar to BT2 stainless steel
max. pressure in the heating jacket	$p_H = 10\text{ bar}$
Temperature range	$\vartheta_{m \min} = -10\text{ }^{\circ}\text{C}$ $\vartheta_{m \max} = 220\text{ }^{\circ}\text{C}$
Viscosity range	$\nu_{\min} = 76\text{ mm}^2/\text{s}$ $\nu_{\max} = 30\,000\text{ mm}^2/\text{s}$ Viscosities other than within this range on request
Discharge flow	see table page 9, 10
Power input speeds	$n_{\min} = 100\text{ 1/min}$ $n_{\max} = 750\text{ 1/min}$

Suitable Fluids

Lubricating-, Cutting oils	Waste oils	Adhesives, Plastics	Cellulose
Soluble-, Steel hardening-,	Bitumen	Binding agents	etc.
Rolling-, Drawing oils	Paints	Resins	
Diesel oils	Greases	Glue, Glue liquors	
Fuel oil S	Synthetic resin varnishes	Molasses	
Engine oils	Nitrocellulose lacquers	Waxes	

Other Types

Pump with electric motor, coupling and coupling guard mounted on a common base plate.

Accessories

Flexible coupling

* higher operating pressure on request