



PROVEN • DURABLE • RELIABLE • VERSATILE  
GERMAN TECHNOLOGY MAKES THE DIFFERENCE



# JESSBERGER

pumps and systems

## JP-700 SR Food Grade Vertical Eccentric Screw Pump



### JP-AIR2

600W at maximum 6 bar operating pressure, ATEX

Air operated motor with starting button on the handle. When the start button is pressed, the motor starts running and transferring the liquid



### JP-AIR3

400W at maximum 6 bar operating pressure, ATEX

Air operated motor stainless steel housing with plug valve at air intake for compressed air control. This regulates the motor speed and varies the pumping capacity



### JP-280

825W electric motor  
230/115 V 50/60 Hz

Double insulated class II, IP 24, on/off switch, overload protection switch with integrated low voltage release.

**Optional:**  
Speed control



### JP-380

825W electric motor  
230V 50 Hz

IP 55, overload protection with integrated low voltage release and integrated speed control



### Description JP-700 SR (Speed Reducer)

- Particularly for intermittent operation
- For gentle and almost pulsation free transferring of low viscous, thixotropic, gassy, solids and fibres containing, aggressive and neutral media
- Pump tube driven by either electric universal or air operated motors
- All pump parts are made of stainless steel 316Ti
- The stators are adapted to the medium and are available in NBR, NBR light, FKM, EPDM, EPDM light, PTFE
- Discharge pressure 6 bar at the single stage and 12 bar with the two-stage pump tubes
- Maximum viscosity of the medium is 20,000 mPas at SR version
- Medium temperature up to 160°C
- Special tube length up to 2,000 mm.
- Easy disassembling and therefore optimal cleaning. Weight 12 kg (tube)
- Special version for food, cosmetic and pharmaceutical products can be delivered; polished surfaces, either open or encapsulated pin joints, no dead spaces in the pump, easy disassembling and therefore easy cleaning, milk thread connection DN 11851, CIP connections as an option, stator and FDA compliant food grade sealing materials

Stator Material	Pump Tube Length (mm)	Flow Rate Litre/Minute	Pressure (Bar)
<b>JP-700.12.1 SR</b>			
NBR NBR Light	700	12	6
	1000		
	1200		
EPDM EPDM Light	700	12	6
	1000		
	1200		
FKM	700	12	6
	1000		
	1200		
PTFE	700	12	2
	1000		
	1200		
<b>JP-700.25.1 SR</b>			
NBR NBR Light	700	25	6
	1000		
	1200		
EPDM EPDM Light	700	25	6
	1000		
	1200		
FKM	700	25	6
	1000		
	1200		
PTFE	700	25	2
	1000		
	1200		
<b>JP-700.50.1 SR</b>			
NBR NBR Light	800	50	6
	1100		
	1300		
EPDM EPDM Light	800	50	6
	1100		
	1300		
FKM	800	50	6
	1100		
	1300		
PTFE	800	50	2
	1100		
	1300		

Stator Material	Pump Tube Length (mm)	Flow Rate Litre/Minute	Pressure (Bar)
<b>JP-700.12.2 SR</b>			
NBR NBR Light	800	12	6
	1100		
	1300		
EPDM EPDM Light	800	12	6
	1100		
	1300		
FKM	800	12	6
	1100		
	1300		
PTFE	800	12	2
	1100		
	1300		
<b>JP-700.25.2 SR</b>			
NBR NBR Light	800	25	6
	1100		
	1300		
EPDM EPDM Light	800	25	6
	1100		
	1300		
FKM	800	25	6
	1100		
	1300		
PTFE	800	25	2
	1100		
	1300		

**Standard Version Suitable For:**

**Chemical Products**

Paints	Latex
Vanishes	Silicone
Resins	Polymers

**Mineral Oil Products**

Oils	Cutting Oils
Fats	Refrigerant

Special versions for use in hazardous areas as well as for food are available.



**Pump tubes JP-700 SR (Speed Reducer)**

- For direct connection to electric universal motors JP-180, JP-280, JP-360, JP-380 and air driven motors JP-AIR1, JP-AIR2 and JP-AIR3.
- Suction tube Ø 54mm, male thread connection G 1½" at discharge.
- Optional hose connection 1", 1¼" or 1½".
- Planetary gear (SR speed reducer) reduces speed from 8,000 – 12000 rpm to 550 – 800 rpm.
- Suitable for 200litres drum with 2" bung-hole.
- All parts of the pump that will get in contact with pumped medium are made of stainless steel or identical to the material of the stator. Shaft seal by stuffing box packing or single acting mechanical seal chrome/carbon/FKM. Male thread R 1½" made of stainless steel at discharge connection

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