

**HIGH VISCOSITY SCREW PUMP,
e.g. for chocolate industry**

HIGH VISCOSITY SCREW PUMP

You may need to convey a paste-like medium at high pressure.

The barrel, nozzle and mold are specially designed for conveying chocolate and cream, according Declaration of Conformity for Food Processing Machinery.

Pumps designed for high-viscosity media by Curtiss-Wright Drive Technology are the ideal solution.

BENEFITS

- Dispenses high-viscosity fluids accurately
- High working pressure and maximum output
- Continuous, balanced, adjustable delivery flow within a dynamic range of viscosity and speed
- Development for process engineering
- Robust pump solutions for food and chemical industry



TECHNICAL MAIN DATA

Material	The main components of the pump are made of special cast iron and steel. Rotors, rotor bushing and the cover are specially "machine tool" hardened.	
Mounting	Horizontal	
Driving component	An electric motor fitted with a flexible coupling (both supplied as additional items). A pulley or geared drive is available on request.	
Driving component	Size of pump: SUP 32, 38, 45 Size of pump: SUP 52, 60 * when viewed from the drive shaft end	right* left*
Working pressure	Maximum working pressure of the pumped medium Short-time maximum pressure Heating jacket (steam or water)	15 bar 30 bar 5 bar
Viscosity range	Normal operating area Depends on the pumped medium. Speed of rotation, pressure and input pipe work layout viscosities up to 200,000 cSt may be possible.	500 – 22,800 cSt
Pump capacity	See table data page 19	
Normal operating speed range	Normal operating speed range * depending on the condition of the pumped medium viscosity, pump size, input pipe work. etc.	500 – 1,500 min ⁻¹ *
Absolute suction height	Maximum 0.7 bar* * when the pump is in "flooded" condition and the pumped medium has low viscosity. For mediums with high viscosity. Positive pressure of supply is required.	



PRODUCTS ARE CONVEYED WITH EXTREME CARE

B
BERLIN
Technologies

ברלין טכנולוגיות בע"מ
שדרות גן רוזה 13, יבנה, 8122214
<http://www.berlintech.co.il/>
mail@berlintech.co.il
טלפון: 073-7597171
פקס: 08-6638120