



THE LEADING FORCE behind liquids™ since 1857

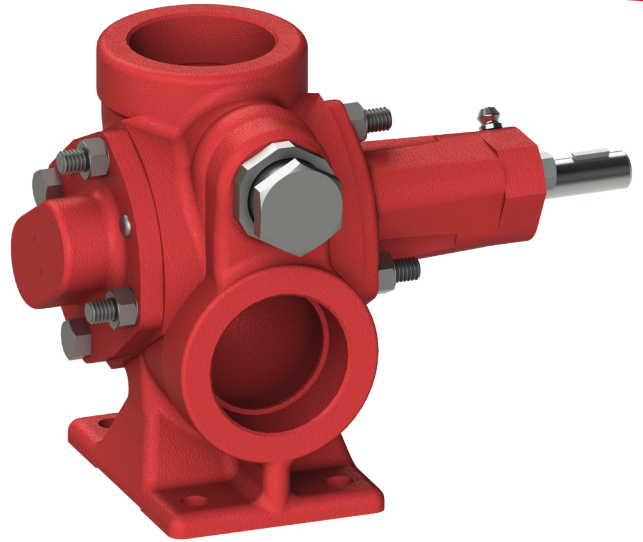
2835 Series

GEAR PUMP

When the going gets thick, this pump gets going, count on it every time. The 2835 Series is tough enough to handle pretty much anything.

The 2835 Series offers sealing flexibility with its mechanical seal lip seal, and packing is also available. This reliable external gear design includes quiet running helical gears, and an angled gear arrangement.

Originally developed to smoothly pump honey without introducing air bubbles, the 2835 Series can handle pressures up to 75 psi. and capacities up to 11.3 GPM.



1-1/2"

NPT PORT

2

NPT PORTS

1800

RPM (UP TO)

11.3

GPM (UP TO)

75

PSI (UP TO)

Materials of Construction

- Cast iron housings
- Hardened steel gears
- Hardened steel shafts
- Iron bearings
- TFE packing

Key Features

- Product lubricated bearings
- Large ports allow easier fluid entry
- Low horsepower requirements all use of low cost drivers
- Installation flexibility by eliminating the need for risers in direct-coupled applications

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Typical Applications

- Pumping Viscous Liquids
- Roofing compounds
- Molasses
- Feed supplements
- Honey

Configuration Options

- Directly couples to standard electrical motor
- Built-in relief valve helps to protect pump from excessive discharge pressure
- May be driven by a gasoline engine
- Low horsepower requirements

MODEL	THEORETICAL CAPACITY	MAX SPEED	MAX FLOW AT MAX SPEED	MAX PRESS.	PORT CONNECTION
2835	.0063 GPR (23.8 CC/REV)	1800 RPM	11.3 GPM (2.57 M ³ /HR)	75 PSI (5.2 Bar)	1-1/2"NPT

Note: Maximum Speed and flow can only be achievable under the correct inlet (suction) and liquid conditions. Liquid viscosity and discharge pressure, plus pumping conditions will determine actual flow (ie. - theoretical minus slip).



More About This Pump

The 2835 Series was specially designed for pumping viscous liquids. This gear pump operates at standard motor speeds for viscosities of up to 100,000 SSU. The 2835 Series can handle materials such as: roofing compound, molasses, and feed supplements.

