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REXSH0216-MO-MA-FO-SE	Motor (MO)	Material (MA)	Foot (FO)	Sealing (SE)	Model
● Motor choices (Pressure ratio)					MO=?
- Motor 6000 (30:1)	60				MO=60
- Motor 7000 (53:1)	70				MO=70
- Motor 9000 (82:1)	90				MO=90
● Lower Material selection					MA=?
- Mixed Materials		CS			MA=CS
● Foot selection					FO=?
- Follower plate (Ø=80mm)			FP		FO=FP
- Drum Bung mounted (60 Liter Drum / 2" Bung)			D1		FO=D1
● Seal package selection					SE=?
- PTFE - Polytetrafluorothylene (Teflon like properties)				01	SE=01
- PTFE + FEP (Encapsulated O-Ring: Teflon like properties over Viton or Silicone)				02	SE=02
- PE - Polyethene (UHMWPE)				03	SE=03
- Leather				04	SE=04
- PTFEG (PTFE + Graphite impregnated)				05	SE=05
- PU (Polyurethane)				06	SE=06
- Leather /PTFE				07	SE=07
- PU/PTFEV (PTFE + Glass impregnated)				08	SE=08

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Description	Part number
Flat Seal Follower Plate for 20-30L Drums - Ø 280-285 (pump foot Ø80)	151100100
Flat Seal Follower Plate for 30L Drums -Ø 305 (pump foot Ø80)	151100200
Flat Seal Follower Plate for 30L Drums -Ø 315 (pump foot Ø80)	151100300
Flat Seal Follower Plate for 40-60L Drums -Ø 350-360 (pump foot Ø80)	151100400
Flat Seal Follower Plate for 200L Drums -Ø 571 (pump foot Ø80)	151100500
Flat Double Seal Follower Plate for 200L Drums -Ø 571 (pump foot Ø80)	1055180301
Double O-Ring Follower Plate for 20L drum -Ø 280 (pump foot Ø80)	151101100
Double O-Ring Follower Plate for 30L drum -Ø 285 (pump foot Ø80)	151101200
Double O-Ring Follower Plate for 30L drum -Ø 305 (pump foot Ø80)	151101300
Double O-Ring Follower Plate for 30L drum -Ø 315 (pump foot Ø80)	151101400
Double O-Ring Follower Plate for 40-60L drum -Ø 360 (pump foot Ø80)	151101500
Double O-Ring Follower Plate for 200L drum -Ø 571 (pump foot Ø80)	151101600
Double O-Ring PTFE-Coated Follower Plate for 20L drum -Ø 280 (pump foot Ø80)	151102100
Double O-Ring PTFE-Coated Follower Plate for 30L drum -Ø 285 (pump foot Ø80)	151102200
Double O-Ring PTFE-Coated Follower Plate for 30L drum -Ø 305 (pump foot Ø80)	151102300
Double O-Ring PTFE-Coated Follower Plate for 30L drum -Ø 315 (pump foot Ø80)	151102400
Double O-Ring PTFE-Coated Follower Plate for 40-60L drum -Ø 360 (pump foot Ø80)	151102500
Double O-Ring PTFE-Coated Follower Plate for 200L drum -Ø 571 (pump foot Ø80)	151102600
Monocolumm elevator for 20 to 60 L. drums (not available in NA/China)	151080000
Monocolumm elevator for 200 L. drums (not available in NA/China)	151090000
Double columm elevator for 20 to 60 L. drums (not available in NA/China)	151080500
Double columm elevator for 200 L. drums (not available in NA/China)	151090500

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REXSON SH0216

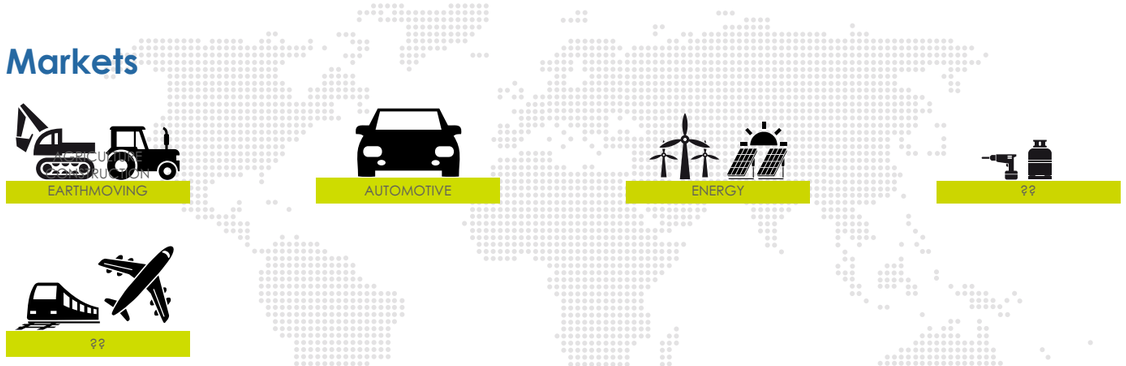
Shovel Pump

REXSON ?? / ??

PUMPING BEYOND POSSIBLE.

- **Robust and reliable**
- **Simple to maintain**
- **Configurable and versatile**

Markets



BOND • PROTECT • BEAUTIFY

REXSON SH0216

Shovel Pump

This High Viscosity Shovel Pump is for high pressure applications. Used with Airless® and extrusion applications requiring low to medium flow rates with a large size footprint.

The **REXSON pumps of the high viscosity range** have been designed with robustness in mind, and the aim of offering a high degree of modularity to follow your application. Unlike liquid fluid pumping, the high viscosity range imposes highly variable mechanical stresses from one product to another.

Double-acting shovel pumps are specifically designed to transfer fluid with a viscosity greater than **50,000 Cps** and operate from 25,000 Cps for products whose particular rheology makes them difficult to pump. These pumps **include a shovel** that facilitates feeding the pump inlet, allowing it to move high viscosity materials.

To create your own pump that will **meet your application specifications**, you will have to **select:**

- The **correct air motor** according to the maximum pressure,
- The **construction materials** according to the nature of the product,
- The **foot and mounting style** according to the product packaging, and your installation
- The S**eal pack** (see the Documents tab to get all necessary information on our website).

Our air motors are designed for maximum airflow with a pilot distributor to **allow fast inversion**. They are equipped with a large silencer to **avoid water freezing** at the motor outlet and can be controlled (start/stop) from a remote air control.

These pumps are used as feeding equipment directly from **open drums** installed on a elevator using a follower plate.

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??	??	??
?? ?? ??	480 (7.000)	bar (psi)
?? ?? ??	6 (87)	bar (psi)
??	>50,000	cps
Pressure ratio (depending on air motor size)	30:1, 53:1, 82:1	
?? ??	80 (176)	°C (°F)
???? ?? ??	216	cc
15 ????? ?? ??	3.24 (0.85)	l/mn (gal/mn)
Free flowrate (@ 60 cycles/mn)	12.96 (3.42)	l/mn (gal/mn)
?? ??	6000, 7000, 9000	
?? ???	3/4"BSPT(F)	
?? ???	3/4"BSP(F)	
Weight (fluid section only)	27 (59.5)	kg (lbs)
Weight range (air motor only)	21-35 (46.3-77.2)	kg (lbs)
Fluid inlet (Follower plate)	80mm	
Air consumption depending on motor size(see catalog)	---	
Stroke	120 (4.72)	mm (inch)

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Triple Chrome Layer

PERFORMANCE

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M1 Power distributor: Wide passageway for maximum airflow

L1 Upper Body: The upper part of the pump is of robust construction and must be able to withstand the maximum pressures.

L2 Upper Valve: This valve allows material to pass from the lower chamber to the upper chamber of the pump. A conical valve is used to reduce pressure loss.

L3 Lower Valve: Uses a large conical valve to reduce the pressure loss through the pump and allow easy filling.

L4 Shovel: Feeds the product to pump inlet. Allows the pump to dispense high visocity material.

PRODUCTIVITY

M2 The Cover: Very easy to remove and to access the repair parts

M3 The Pulse Output: The motor can be easily monitored thanks to an air pulse occurring at each reversal.

L5 Motor adaptation flange: Unique and robust assembly of the motor shaft connection to the pump shaft. Allows quick adaptation to different air motors to vary the pressure ratio of the pump.

L6 Guard: To guarantee the safety of the operators, this guard prevents contact with the moving shaft of the pump.

L7 Lower Body: The pump lower is adapted as needed to be fixed on a follower plate, immersed in a bung drum, or simply threaded for connection to a manifold.

SUSTAINABILITY

M4 Brass guiding ring: Enduring and accurate guidance system

M5 Camshaft inversion system: Very reliable reversal system

L8 Upper seals packing: Our pump range has a wide range of seal materials to suit all your needs.

L9 Rod and Cylinder: The piston shaft and the cylinder are made of triple chrome steel to ensure excellent abrasion resistance.