

Equipment

REXSH0715-MO-MA-FO-SE	Motor (MO)	Material (MA)	Foot (FO)	Sealing (SE)	Model
• Motor choices (Pressure ratio)					MO=?
- Motor 7200 (25:1)	72				MO=72
- Motor 9200 (40:1)	92				MO=92
• Lower Material selection					MA=?
- Mixed Materials		CS			MA=CS
• Foot selection					FO=?
- Follower plate (Ø=105mm)			FP		FO=FP
- Plain Cylinder					FO=PC
• Seal package selection					SE=?
- PU (Polyurethane)				06	SE=06

Accessories

Description	Part number
Flat Seal Follower Plate for 200L Drums -Ø 571 (pump foot Ø105)	151519001
Double O-Ring Follower Plate for 200L drum -Ø 571 (pump foot Ø105)	1055170001
Double O-Ring PTFE-Coated Follower Plate for 200L drum -Ø 571 (pump foot Ø105)	1057370001
Double column elevator for 200 L. drums (not available in NA/China)	151090500
1000 L. and 300 G. Follower plates (please contact us)	♦




REXSON SH0715

Shovel Pump

High Viscosity / Pumps



PUMPING BEYOND POSSIBLE.

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

Markets



BOND • PROTECT • BEAUTIFY



REXSON SH0715

Shovel Pump

This Hybrid Shovel Pump with upper ball check and lower conical check, is used in high flow rate and high viscosity applications. Used with multi dispensing applications. Has a large size footprint and longer Stroke.

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 **Seal 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. Specific pumps can be used on **manifold** applications.



Technical data table

Designation	Value	Unit: metric (US)
Maximum Fluid Pressure	240 (3.480)	bar (psi)
Maximum Air Pressure	6 (87)	bar (psi)
Viscosity	>50,000	cps
Pressure Ratio (depending on air motor size)	25:1, 40:1	
Maximum Temperature	80 (176)	°C (°F)
Fluid Volume per Cycle	715	cc
Fluid Output at 15 cycles / mn	10,7 (2.82)	l/mn (gal/mn)
Fluid Output at 60 cycles / mn	42,9 (11.3)	l/mn (gal/mn)
Motor Type	7200, 9200	
Air Inlet	3/4"BSP(F)	
Fluid Outlet	1"BSP(F)	
Weight (fluid section only)	46(101.4)	kg (lbs)
Weight (air motor only)	26-25 (57,3-77.2)	kg (lbs)
Fluid Inlet (follower plate)	105mm	
Air Consumption upon air motor size (see catalog)	---	
Stroke	200 (7.87)	mm (inch)



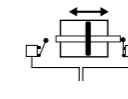
Technologies



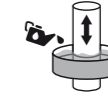
Chevron Sealing



Chop Check



Switch Motor



Cup Lub



Triple Chrome Layer

PERFORMANCE

M1 Dual Power distributors: Large 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 material to pass from the lower chamber allows to the upper chamber of the pump. A quick responding ball check is used.

L3 Lower Valve: A conical valve is used to reduce pressure loss. It is designed to be as large as possible for easy filling.

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.

L4 Shovel: Feeds the product to the pump inlet and allows the pump to dispense high viscosity materials.

L5 Longer Stroke: The longer stroke reduces wear on valves, seals and increases the life of the pump.

L6 Lower Body: The pump lower is adapted as needed to be fixed on a follower plate or connected to a manifold.

SUSTAINABILITY

M4 Brass guiding ring: Enduring and accurate guidance system

M5 Camshaft inversion system: Very reliable reversal system

L7 Upper seals packing: Our pump range has a wide range of seal materials to suit all your needs.

L8 Rod and Cylinder: The piston shaft and the cylinder are made of triple chrome steel to ensure excellent abrasion resistance.



Description

