

## Equipment

REXSH0930-MO-MA-FO-SE	Motor (MO)	Material (MA)	Foot (FO)	Sealing (SE)	Model
• Motor choices (Pressure ratio)					MO=?
- Motor 9200 x 2 (60:1)	9H				MO=9H
• Lower Material selection					MA=?
- Stainless Steel		SS			MA=SS
• Foot selection					FO=?
- Follower plate (Ø=105mm)			FP		FO=FP
- Plain Cylinder			PC		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 SH0930

Shovel Pump

High Viscosity / Pumps



PUMPING BEYOND POSSIBLE.

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

## Markets



BOND • PROTECT • BEAUTIFY



# REXSON SH0930

## 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	360 (5.200)	bar (psi)
Maximum Air Pressure	6 (87)	bar (psi)
Viscosity	>50.000	cps
Pressure Ratio (depending on air motor size)	60:1	
Maximum Temperature	80 (176)	°C (°F)
Fluid Volume per Cycle	933	cc
Fluid Output at 15 cycles / mn	13,99 (3.69)	l/mn (gal/mn)
Fluid Output at 60 cycles / mn	55,98 (14.78)	l/mn (gal/mn)
Motor Type	9200-2	
Air Inlet	3/4" BSP(F)	
Fluid Outlet	1-1/2" BSP(T)	
Weight (fluid section only)	100 (220.5)	kg (lbs)
Weight (air motor only)	65 (143.3)	kg (lbs)
Fluid Inlet (follower plate)	105mm	
Air Consumption upon air motor size (see catalog)	---	
Stroke	200 (7.87)	mm (inch)



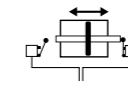
## Technologies



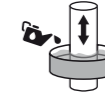
Chevron Sealing



Chop Check



Switch Motor



Cup Lub



Triple Chrome Layer

## PERFORMANCE

**M1** Dual Power distributors: Large passageway for maximum airflow.

**M6** Dual Cylinders: 60: 1 ratio, used in high demand pressure / flow applications.

**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 P ulse 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

