

Equipment

Designation	Part number
- Plain Cylinder	FO=PC
- Motor 7200 (18:1)	MO=72
- Mixed Materials	MA=CS
- PU (Polyurethane)	SE=06
- Follower plate (Ø=105mm)	FO=FP
- Motor 9200 (30:1)	MO=92



REXSON SH0715
Shovel Pump

Pumping beyond possible.

Product highlights

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



 Additional information

- User manual
- Spare parts
- Accessories
- Documents
- Videos



Sames
45001 Five Mile Road
Plymouth, MI 48170 - USA
Phone: +1 734 979 0100
www.sames.com

Sames
931 Progress Ave, Unit 7
Scarborough, Ontario M1G 3V5
CANADA
Phone: +1 800 450 0655



Sames reserves the right to modify its equipment or specifications without further notice.
Document, products and pictures shown are not contractual.
09/2026

BOND • PROTECT • BEAUTIFY

www.sames.com

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.



Adapted industrial markets



ACE*



Automotive



Energy



Industrial



Transportation



Railways

Technical data table

Designation	Value	Unit
Maximum Air Pressure	6 (87)	bar (psi)
Pump displacement	715 (43.60)	cc/cycle (in^3/cycle)
Fluid Output at 15 cycles / mn	10,70 (2.82)	l/min (gal/min)
Fluid Output at 20 cycles / mn	14,30 (3.78)	l/min (gal/min)
Fluid Output at 60 cycles / mn	42,90 (11.30)	l/min (gal/min)
Maximum Material Pressure	240 (3480)	bar (psi)
Maximum Temperature	80 (176)	°C (°F)
Air Inlet Fitting	3/4"BSP(F)	
Material Inlet Port	105mm	
Material Outlet Port	1"BSP(F)	

Marking

Product	Type
REXSON SH0715	CE 0080

*: "AgricultureConstruction and Earthmoving"

Technologies



Chop check

Description

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.

Performances

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.

