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| REX2B0980-MO-MA-FO-SE | Motor (MO) | Material (MA) | Foot (FO) | Sealing (SE) | Model |
|---|------------|---------------|-----------|--------------|-------|
| • Motor choices (Pressure ratio) | | | | | MO=? |
| - Motor 7200 (18:1) | 72 | | | | MO=72 |
| - Motor 9200 (30:1) | 92 | | | | MO=92 |
| • Lower Material selection | | | | | MA=? |
| - Mixed Materials | | CS | | | MA=CS |
| - Stainless Steel | | SS | | | MA=SS |
| - Mixed Materials + Carbide valves | | SC | | | MA=SC |
| • Foot selection | | | | | FO=? |
| - Wall mounted (Inlet F 1-1/2" BSPP) | | | WM | | FO=WM |
| - Follower plate (Ø=105mm) | | | FP | | FO=FP |
| • Seal package selection | | | | | SE=? |
| - PTFE - Polytetrafluoroethylene (Teflon like properties) | | | | 01 | SE=01 |
| - PTFE + FEP (Encapsulated O-Ring: Teflon like properties over Viton or Silicone) | | | | 02 | SE=02 |
| - PE - Polyethylene (UHMWPE) | | | | 03 | SE=03 |
| - Leather | | | | 04 | SE=04 |
| - PTFEG (PTFE + Graphite impregnated) | | | | 05 | SE=05 |
| - PU (Polyurethane) | | | | 06 | SE=06 |
| - PTFEV (PTFE + Glass impregnated) | | | | 07 | SE=07 |

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| 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 |
| Wall mounted support for motor 5000 to 9202 | 9015 |
| Double column elevator for 200 L. drums (not available in NA/China) | 151090500 |
| 1000 L. and 300 G. Follower plates contact SAMES-KREMLIN technical department. | ♦ |



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REXSON 2B0980

2 Ball Pump

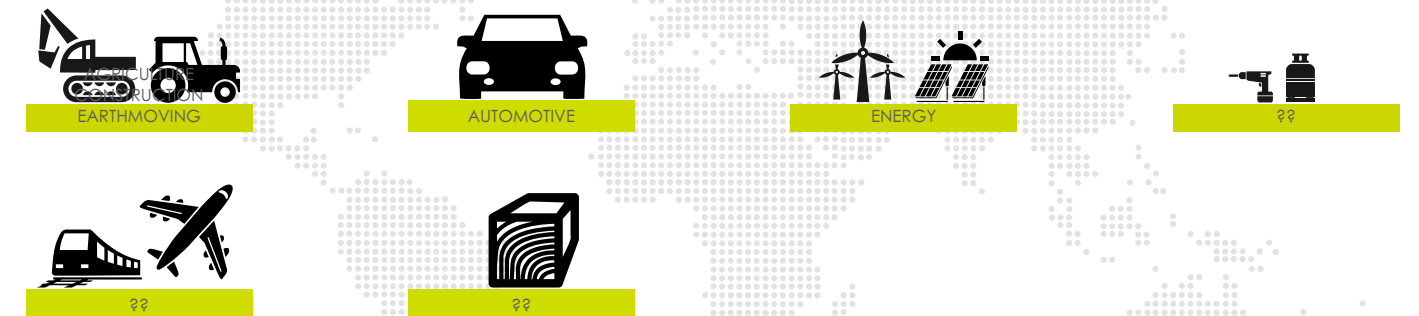
REXSON ?? / ??



PUMPING BEYOND POSSIBLE.

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

Markets



BOND • PROTECT • BEAUTIFY



REXSON 2B0980

2 Ball Pump

This High Viscosity Pump is a 2 ball double-acting piston technology is used for Airless® and extrusion application requiring high flow rates.

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 ball pumps are similar in construction to pumps for liquid products and are capable of **transferring fluid up to 50,000 Cps**. These pumps have been adapted for high viscosity products by optimizing the passage diameters, the nature of the seals, and the hardness of the materials.

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

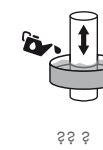
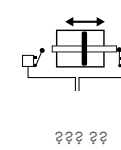
- The **correct air motor** according to the maximum pressure,
- The **construction materials** according to the nature of the product,
- The **foot and mounting style** according to the product packaging, and your installation
- The **Seal pack** (see the Documents tab to get all necessary information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

Our air motors are designed for maximum airflow with a pilot distributor to **allow fast inversion**. They are equipped with a broad 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 the product packaging **in-wall mounting** or **installed on an elevator** with a follower plate for open drums.



| ?? | ?? | ?? |
|---|-------------------|---------------|
| ?? ?? ?? | 180 (2.600) | bar (psi) |
| ?? ?? ?? | 6 (87) | bar (psi) |
| ?? | <50,000 | cps |
| Pressure ratio (depending on air motor size) | 18:1, 30:1 | |
| ?? ?? | 80 (174) | °C (°F) |
| ???? ?? ?? | 980 | cc |
| 15 ????? ?? ?? | 14.7 (3.88) | l/mn (gal/mn) |
| Free flowrate (@ 60 cycles/mn) | 58.8 (15.53) | l/mn (gal/mn) |
| ?? ?? | 7200, 9200 | |
| ?? ?? ?? | 3/4"BSP(F) | |
| ?? ?? ?? | 1-1/2"BSP(F) | |
| Weight (fluid section only) | 46 (101.4) | kg (lbs) |
| Weight range (air motor only) | 26-35 (57.3-77.2) | kg (lbs) |
| Fluid inlet (Follower plate) | 105mm | |
| Fluid inlet (Wall-mounted) | 1-1/2"BSP(F) | |
| Air consumption depending on motor size (see catalog) | ♦ | |
| Stroke | 200 (7.87) | mm (inch) |



PERFORMANCE

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. It is designed to limit pressure loss.

L3 Lower Valve: This valve is essential for the suction of the product. It is designed to be as wide 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 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.

L5 Guard: To guarantee the safety of the operators, this guard prevents contact with the moving shaft of the pump.

L6 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

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.

