

CATALOG cylinders

The Reciprocator Cylinder





Reciprocator Cylinder

Reciprocating Action Without Electronics Or An External Power Source!

The Reciprocator is a "self" reciprocating, air-operated cylinder that provides power for any equipment that requires a sustained, cyclic motion. It requires no electricity, has no switches to burn out, and needs no extra plumbing. Just connect it to an air supply and the piston goes back and forth.



Its simple design is economical, easy to install, and extremely reliable. Since The Reciprocator does not require electricity, there is no chance of spark generation, making it ideal for hazardous environment use. In addition, it is designed to be field repairable with replacement parts readily available, so maintenance costs can be substantially reduced.

How It Works:

The piston mechanically pushes the stem to switch the valve in the head or cap to allow the air to flow to the pilot port on the main valve. The main valve is shifted by the pilot signal. The valves in the head and cap are spring return so that as soon as the piston moves, the valve in the head/cap will return to vent the pilot port on the main valve. The main valve is pilot operated with detent.

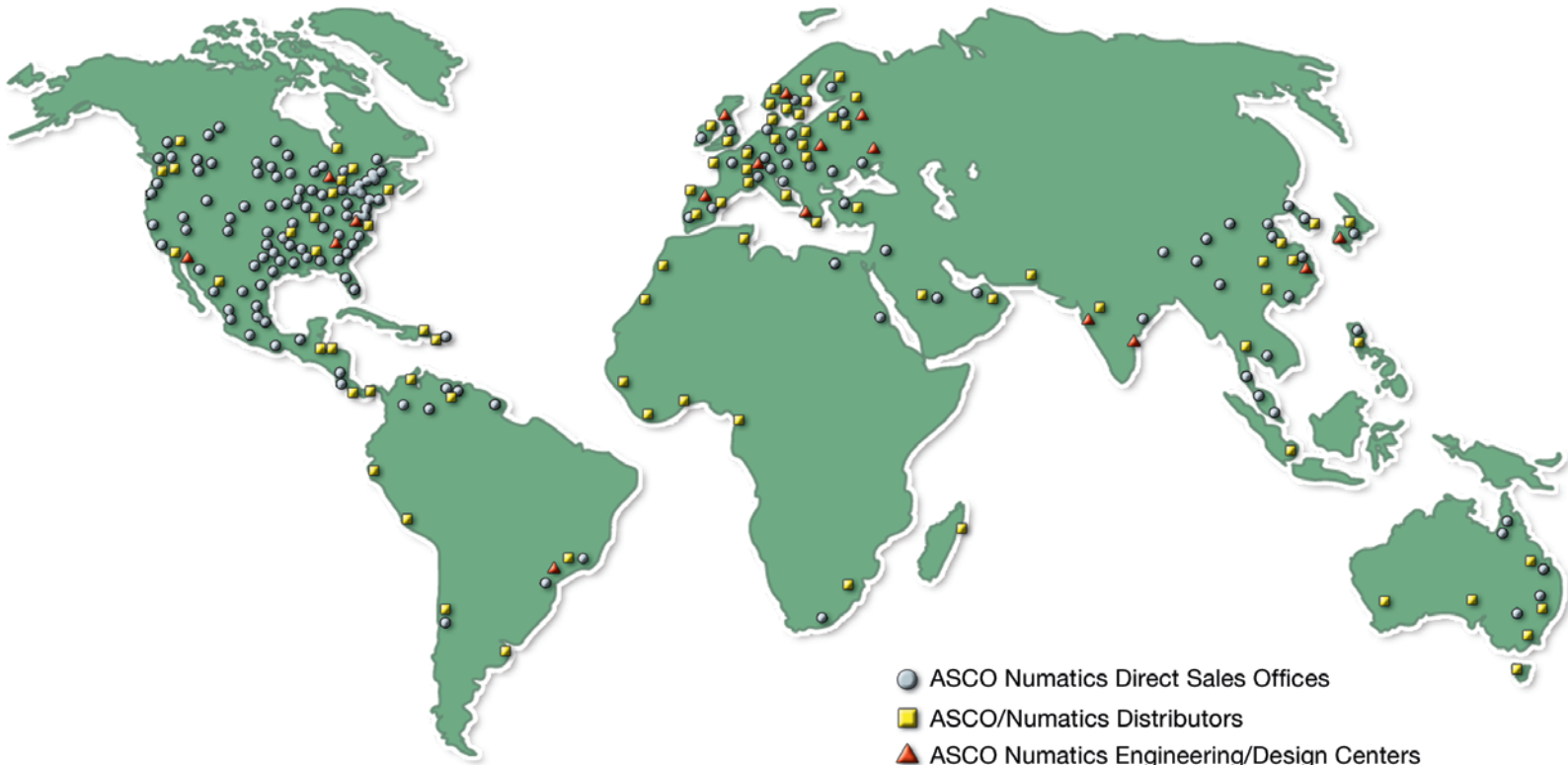
Here's What Else You Need To Know:

- Single and double rod versions available
- L1 or L2 valve version
- Glide ring piston seal for smooth operation
- 1-1/2" through 5" bore sizes
- Most NFPA mounts (except P1, P3, T1 and T2) available
- Profile tubing available in 1-1/2" - 2-1/2" bore sizes
- Extensive range of cylinder sizes, attachment options, and connecting rod ends to permit adaption of The Reciprocator to a wide variety of equipment
- The Reciprocator always travels full stroke without the use of air timers or pressure switches
- Pressure Rating: 250 psig air
- **Most importantly, The Reciprocator can be built to meet your specific needs.**



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