



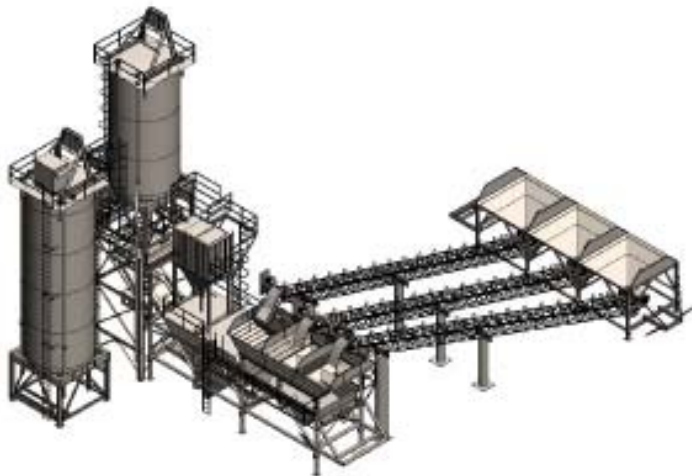
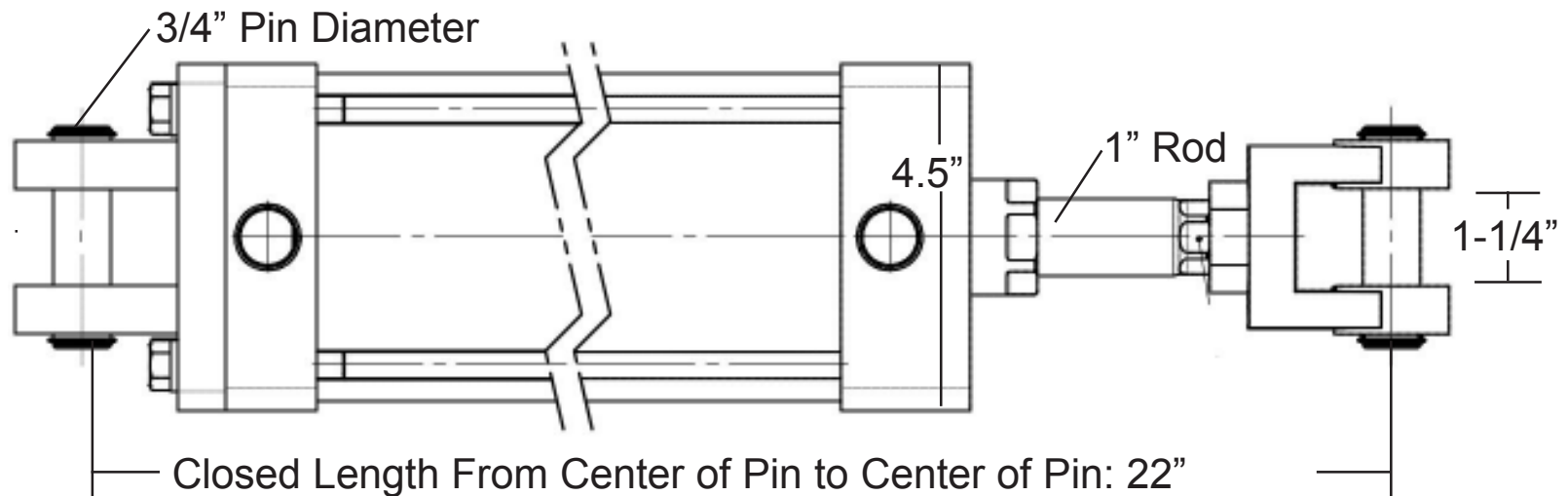
Parts & Service: 1-877-327-2116

www.mixerandplantparts.com

or www.readymixparts.com



• Heavy Duty 4x12 NFPA Air Cylinders Designed for the Ready Mix Concrete Industry



Application:

This 4x12 NFPA Air Cylinder is most commonly found on aggregate bin gates and aggregate weigh scale hopper gates found on ready mix concrete batch plants.



• Heavy Duty Air Cylinders Designed for the Ready Mix Concrete Industry

Rod Wipers:

Durable Urethane Wipers keep cement & dirt out for less maintenance and prolong the life of the air cylinder.
(Temperature: -50 - 200°F)

Pistons:

Air Cylinder Pistons are machined from solid bar stock aluminum offering superior bearing support.

Piston Wear Rings:

Our piston wear rings are constructed from a special nylon material designed for low friction ensuring minimum wear on the cylinder's inside load and eliminates metal-to-metal contact.

Piston Seals:

Lip-Style low friction urethane piston seals are pressure energized and wear compensating for low friction and extended life and can be used in non lube applications.

Piston Rods:

High Strength Steel with Nitro Carbonizing treatment on the rod provides superior corrosion-resistant properties. The Nitro Carbonization with lustrous black finish provides improved wear resistance, better lubrication retention, dent resistance without induction hardening. These environmentally friendly cylinders have no surface pitting, flaking, or hydrogen embrittlement.

Needle Valves and Check Seal Cushions:

Precision cushion spuds combined with a state of the art floating cushion seal provide smooth deceleration at the end of the stroke and are standard on 1.5" to 5" Bore Air Cylinders. Brass or Stainless Steel needle valves make adjustments easy.

Rod Lip Seals:

Our Premier Design with a real rod u-cup is completely self compensating for zero leakage at all pressures and can be used in non lube applications.

Rod Glands:

Bronze Glands are externally removable without air cylinder disassembly for easy maintenance and are specially designed to provide maximum rod bearing.

ORing Tube End Seals:

Our Nitrile ORing design is pressure compensating and reusable.

Tie Rods:

Nitro Carbonized, corrosion resistant, stress proof steel maintains uniform compression on the tube end seals and prevents pitting which is a common issue in the concrete industry.

Solid Aluminum Heads & Caps:

Machined from solid aluminum bar stock and black anodized for corrosion resistance.

Hard Anodized ID Aluminum Tubes:

Provide superior wear resistance and lower friction coefficient for maximum seal life.



- NFPA Interchangeable, Aluminum Construction
- 10 Bore Sizes 1.5" through 12"
- Strokes are available to any practical length
- 18 Standard Mounting Styles

- -50°F Heavy Duty, Non Lube, Low Friction Seals
- Check Seals are Std from 1.5" to 5" Bore
- Nitro Carbonized for Corrosion & Wear Resistance
- Oversize & Double Oversize Available