



Other Applications:

- > Air/Oil Cylinder Replacements
- > Feeders
- > Presses
- > Fillers



Air Powered Hydraulic Rate Control Allows for Smooth, Adjustable Movement

Challenge:

A bus manufacturer desired a cylinder that could open and close bus doors using a remote control device, powered by an air compressor. A standard air cylinder was not a practical solution, because the speed was too difficult to control. Auto-bypass capabilities were also required for those users that wanted to open the door manually. In addition, the device was to reside in a slim dashboard, providing a challenging space constraint.

Solution:

Bimba developed a compact rate control cylinder that provided an air-driven, hydraulically controlled stainless steel body cylinder allowing for automatic and manual door opening. The optional speed control could be adjusted by the turn of a screw. The design was also small enough to fit in the narrow dashboard, meeting the tight space requirements.

Benefits:

- > Corrosion resistant exterior.
- > No exposed metal.
- > Proven actuator performance with internal materials.

For further information:

Visit www.bimba.com/en/Solution-Centers/Industry-Solutions-Center/

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