



Other Applications:

- > Transferring - Operating a Ball Valve
- > Diverting - Gate Valves
- > Conveyors



Vane-Buster™ Rotary Actuator Provides Industry Leading 1080° of Rotation

Challenge:

An OEM required rotary motion to open and close a hopper door. The existing vane style rotary actuators used in the application were inadequate for a number of reasons. Vane rotary actuators often leak significantly, have short seal life that requires frequent preventative maintenance, and have a reduced torque output at the beginning of its rotation.

Solution:

Bimba developed a rotary actuator called the Vane-Buster™. This special design uses a lead screw and non-rotating piston rod assembly to rotate a keyed shaft for the customer to use. This new and unique solution uses the tried and true design features of a linear actuator and packs them into a compact package equal to that of a vane rotary actuator.

Benefits:

- > Long, reliable seal life requiring minimal maintenance.
- > No seal leakage like in traditional vane style rotary actuators.

- > No lost torque at start up.
- > Industry leading torque output values from 20 to 500 in-lbs, compared to 105 in-lbs from similar vane style rotary actuators.
- > Available from 0-1080° rotation with minimal backlash.
- > Interchangeable with Brand S Vane Actuators.

For further information:

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

Contact Bimba at 1-800-44-BIMBA or cs@bimba.com

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