

Nil-Cor Automated Valves

ABOUT US

CATALOGS

DISTRIBUTORS



Nil-Cor offers a full range of ball and butterfly automated on/off valves and control valves. Standard actuators include rack & pinion pneumatic actuators and electric units. Nil-Cor can supply any actuator manufacturer types as required to suit the application and customer preferences.

Factory Automation of your Nil-Cor valves has many advantages:

- Exclusive Nil-Cor mounting system for compact, reliable actuator mounting
- Nil-Cor Factory warranty on all components of an assembly
- Full documentation is available, including CAD drawings, test reports and maintenance manuals

Nil-Cor Automated Valves

Nil-Cor automated on/off valves feature our exclusive low profile molded composite mounting bracket and stainless steel hardware. Our experienced sales engineers will gladly assist in your selection of components to do the job you need done at a sensible price. With Nil-Cor, you can count on a speedy delivery, too!

Typical Automated Ball Valve with:

- *Hytork Pneumatic Actuator*
- *Limit Switches*
- *Position Indicator*
- *Solenoid Valve*



Typical Automated Ball Valve with:

- *RCS Electric Actuator*
- *Manual Override*





**Ball Valves 1/2" through 8"
Butterfly Valves 3" through 42"**

FF
PB

Nil-Cor Modulating Control Valves

Nil-Cor ball and butterfly valves become excellent process control valves when properly equipped with today's modern positioners and accessories. Close tolerance couplings reduce deadband and low operating torque reduces hysteresis so that reliable, effective process control can be maintained. The inherent **high capacity** and **high rangeability** of Nil-Cor rotary designs lend themselves well to the generally mild control applications in the Chemical Process industries. In addition, the economics of using advanced composite material in highly corrosive applications in place of costly high alloy valves is compelling, to say the least.

Inherent **linear** or **equal percentage** trims are available for the ball valves while the **modified equal percentage** characteristic of the butterfly is ideal for high flow, low pressure drop applications. Reduced trims in both linear and equal percentage characteristics are available for the composite ball valve.

Proper valve sizing is required to obtain the best quality of control and long trim life. Nil-Cor has the experience and the expertise to steer you safely around the shoals of corrosion, cavitation and noise. Nil-Cor supplies complete documentation, from sizing calculations to specification sheets, with every Nil-Cor control valve.

The following are some of the many examples of fine Nil-Cor control valves supplied to industry:



Ceramic Lined Slurry Control Valves for a Flue Gas Desulphurization unit

Control valve including a pneumatic controller and pressure sensor mounted on the valve, for a power plant application.



- **Ball Valve Trim Selections**
- **Butterfly Valve Trim Selections**