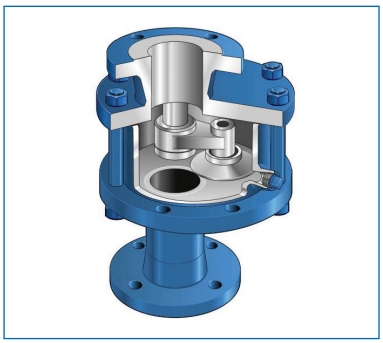
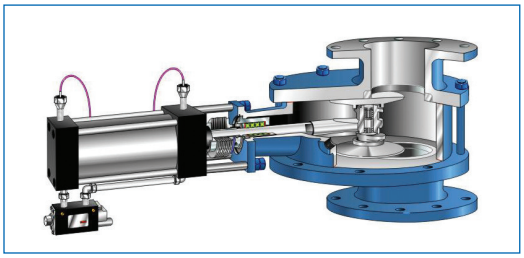
EVERLASTING VALVE COMPANY

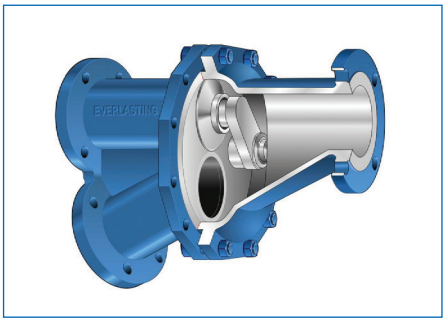
WEARS IN, NOT OUT®



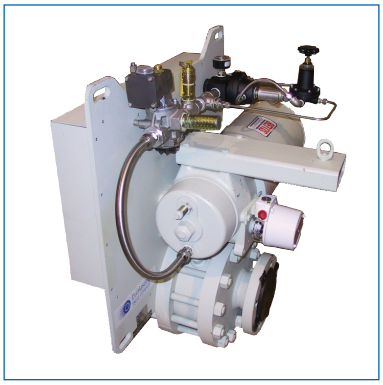
Process Valve



Bulk Material Valve *(U.S. Patent 5,396,919)*



Diverter Valve



Process Valve with Control Package

Corporate Description

In 1906, Everlasting Valve Company was formed by Patterson Allen Engineering, Paterson, New Jersey to manufacture and market steam boiler blow down valves. In the 1960's Everlasting Valve incorporated the unique features of the flat, self-lapping, rotating disc and self-cleaning open body into their Process Valves, Bulk Material Valves and Diverters. These unique features have made Everlasting valves the valve of choice in many severe service applications around the world.

Markets Served

Everlasting Valve's customers stretch worldwide in various markets including Portland cement; coal fired power plants handling fly ash and bottom ash; petroleum production and refining – FCC and CCR catalysts, coke; inorganic chemicals such as titanium dioxide and gypsum; chemicals, resins and catalysts; coal gasification and liquifaction; cellulosic ethanol; synfuels and many other areas where the handling of abrasive solids and slurries is critical.

Facilities

Every Everlasting valve is built using computerized and robotic equipment by trained technicians, assembled and tested in our ISO 9001:2000 certified facility in South Plainfield, New Jersey USA.

Major Products

The Everlasting flat rotating disc air cylinder actuated Bulk Material Valve or BMV (U. S. Patent 5,396,919) was designed for vacuum to 100 psig systems including dense and dilute phase pneumatic conveying systems for transporter fill valve, discharge, vent applications, transfer lines, under baghouses, silos, cyclones, ESP's and dust collectors. Sizes range from 2" through 14" including 5"; cast iron sizes 2" through 8" available from stock. Two BMV Valves installed in a wye fitting become an effective diverter.

Everlasting flat rotating disc Diverter Valves can be switched on the fly and be used for slurries and dry powders The Diverter Valve is available in cast iron or fabricated in Carbon Steel, Stainless Steel or other alloys with manual, air cylinder or electric actuation in sizes 4" through 12".

The Everlasting two-way flat rotating disc Process Valve is used in dry powders or slurries of erosive media. This valve is suitable for handling abrasive particulate in temperatures to 1500°F and pressures to 10,000 psig in sizes 1" through 18". Air, hydraulic, positioned and electric actuators are available. Compliant with EU Harmonized Standards.

With over 100 years of field proven service in applications worldwide, Everlasting Valves are chosen for their durability and performance in shut-off and isolation Applications

Everlasting Valve Company offers its unique self-lapping, flat rotating disc design in the following valve designs:

Process Valves

Sizes
- ½" (12mm) through 18" (450mm)

Pressure
- ANSI Class 150 through 2500
- Vacuum to 10,000 psig

Temperature
- -50°F (-46°C) to +1500°F (+815°C)

Trim
- Stellite #6
- 440 Stainless Steel
- Tungsten Carbide

Construction
- Carbon or Stainless Steel
- Hasteloys
- Inconels
- Duplex SS, F-255
- Your Choice

End Connections
- Flanged
- Buttweld
- Flangeless

Actuation
- Lever, Manual
- Hand Wheel, Manual
- Air Cylinder
- Hydraulic Cylinder
- Electric

Bulk Material Valves

Sizes
- 2" (50mm) through 14" (350mm), including 5" (125mm)

Pressure
- Vacuum to 100 psig (7 bar)

Temperature
- To +750°F (+400°C)

Trim
- 440 Stainless Steel

Construction
- Cast Iron to +450°F (+232°C)
- Carbon Steel to +550°F (+288°C) – Special design to +750°F (+400°C)

End Connections
- Flanged, ASME and DIN
- Flangeless

Boiler Blow Down Valves

Sizes
- 1" through 2 ½ "

Pressure
- ASME/ANSI Class 250, 300 and 600

Construction
- Cast Iron or Carbon Steel

End Connections
- Screw Ends or Flanged

Actuation
- Lever or Hand Wheel

Diverter Valves

Sizes
- 4" (50mm) through 14" (350mm), including 5" (125mm)

Pressure
- ANSI Class 150 and 300
- Vacuum to 100 psig (7 bar)

Temperature
- To +1500°F (+815°C)

Trim
- Stellite #6
- 440 Stainless Steel
- Tungsten Carbide

Construction
- Cast Iron
- Carbon Steel
- Stainless Steel
- Your Choice

End Connections
- Drill Class 125 Flanged (Cast Iron)
- Flanged, ASME and DIN (Carbon Steel)
- 30° or 45° Laterals

Actuation
- Lever, Manual
- Hand Wheel, Manual
- Air Cylinder
- Electric

Call us today at (908) 769-0700 or visit us at www.EverlastingValveUSA.com

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QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001