

Flowrox Valves Beneficial in Power Plants

FLOWROX



Hundreds of coal-fired U.S. power companies are currently utilizing Flowrox high-performance pinch valves and heavy-duty knife gate valves for various services.

In many cases, our pinch valves and knife gates can be utilized in similar applications. Pinch valves have the advantage of straight through flow, and are void of any areas for pockets or cavities for slurry or material accumulation that makes many valves become inoperable.

Flowrox knife gate valves as standard are equipped with flushing ports, lock out pins and protective covers on moving stems. Flowrox believes that the best valve comes with these extras automatically for the ultimate protection and reliability.

Flowrox pinch valves have performed extremely well in fire and gas detection (FGD) scrubbers, bottom ash, feedwater and fly ash applications.

Flowrox pinch valves feature a dual closure mechanism that closes the valve on the centerline. Dual closure prevents over stressing of the rubber sleeve allowing it to last longer than single pinch designs. Dual pinch coupled with superior elastomer technology can often outperform competing designs more than five to 10 times longer than single pinch devices in high cycle and control applications. The Flowrox pinch valve technology is the most advanced pinch valve available today.

Flowrox heavy duty knife gate valves are often utilized when face-to-face

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dimensions or the weight is too great for a pinch valve. The Flowrox knife gate valve incorporates a J-shaped steel support ring to create a spring action to ensure tight sealing of the two rubber sleeves. This design is superior to C-shaped support rings found in competing designs. The Flowrox valve is more robust and the seat ring seals are tighter at high and low pressures.

Flowrox personnel are at your assistance to help select the best valve for each application.

For more information, please visit www.flowrox.us [1].

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[1] <http://www.flowrox.us/>