

Allen-Sherman-Hoff® ASHFLO® Valve for Ash Slurry Transport Systems

The ASHFLO® valve from Babcock & Wilcox (B&W) provides reliable shut-off operation in pyrites removal systems, bottom ash transport systems, and many other slurry transport applications. This valve can handle severe operating conditions that include a water mixture with ash particles sizes up to 3 in. x 2 in. x 2 in.

The ASHFLO valve's unique perimeter seal provides reliable, bi-directional shutoff. This type of isolation for bottom ash applications provides efficient operation of the entire transport system.

Benefits

Reliable sealing

The valve is designed to avoid leaking by reliably sealing in both directions and when system is off. This resilient EPDM seal secures the gate around the perimeter, not the face of the gate. A relief is cast into the valve body behind the seal for proper closure of the gate.

Corrosion-resistant design

To maximize service life and minimize corrosion, the gate and valve body are constructed of stainless steel – the ideal material to withstand the severe operating conditions of hydraulic material transport systems.

Superior gate closing action

The ASHFLO valve design has no grooves or cavities in the bottom of the valve to accumulate settled material. No accumulation between the gate and seal allows for proper gate closure every time.

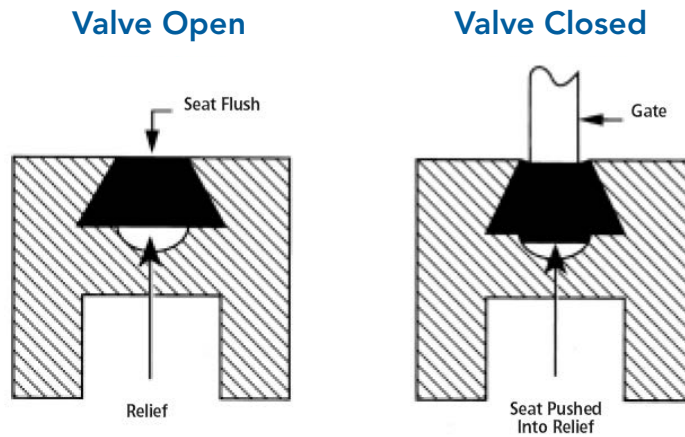


Unique bi-directional shutoff for superior, leak-free system performance

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Operation

Proven gate shutoff performance to minimize leakage.



Specifications

Components	Cast 304 Stainless Steel Body, 304 Stainless Steel Gate, White EPDM Seat, Acrylic/Ptfe/Silicone Packing, Ductile Iron Follower, and Carbon Steel Yoke (ductile iron on 4 in.)
Sizes	4, 6, 8, 10, and 12 in.
Service Conditions	<ul style="list-style-type: none"> • Transport Material • Flange Drilling • Temperature • Pressure
	<ul style="list-style-type: none"> • Up to 3 in. x 2 in. x 2 in. Coal Ash Particles • Match ANSI B16.5 Class 150 fl • Maximum 280F (138C) • Maximum 125 psi (86.1 kPa)
Operation options	Handwheel, Cylinder, Cylinder w/Mechanical Limit Switches, Cylinder w/Proximity Limit Switches
Adapter kits	Available for Retrofit of Older Butterfly and Knifegate Valves

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