



ASH INTAKE VALVE DISC TYPE

Ash intake valve or [material handling valve](#) is designed to feed ash into dilute-phase vacuum system. It acts as a transition from the hopper to the conveying line, a swing type valve to provide on-off ash flow control in vacuum conveying. Its design is stable for feed ash on a batch basis and installed below electrostatic precipitators (ESP), Dust collector and economizer hoppers.

Design Specification

Sizes: 150 NB up to 300 NB (6" up to 12") higher on request

Body: Alloy Cast Iron, Ni-hard, cast steel, SS304, SS 310 & SS 316

Seat- Special Wear Resistance Alloy /Ceramic

Disc- Special Wear Resistance Alloy /Ceramic

Operation: Pneumatic cylinder

Benefits

- Easy installation
- Easy for Maintenance
- Replacement of the gate and seat
- Easy access for inspection

Features

- *Full Bore Material Flow*
- *Fast Closing & Opening*
- *Low Maintenance*
- *Long Operating Life Capable of handling fine*
- Grain materials and head abrasive products.

Uses

The valve is mainly used as a hoist device in dry ash, system ash and slug discharge of thermal power plant.



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