

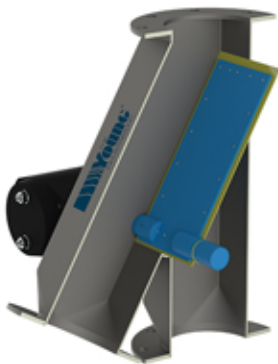
Gravity Flow

BLADE DIVERTER VALVE

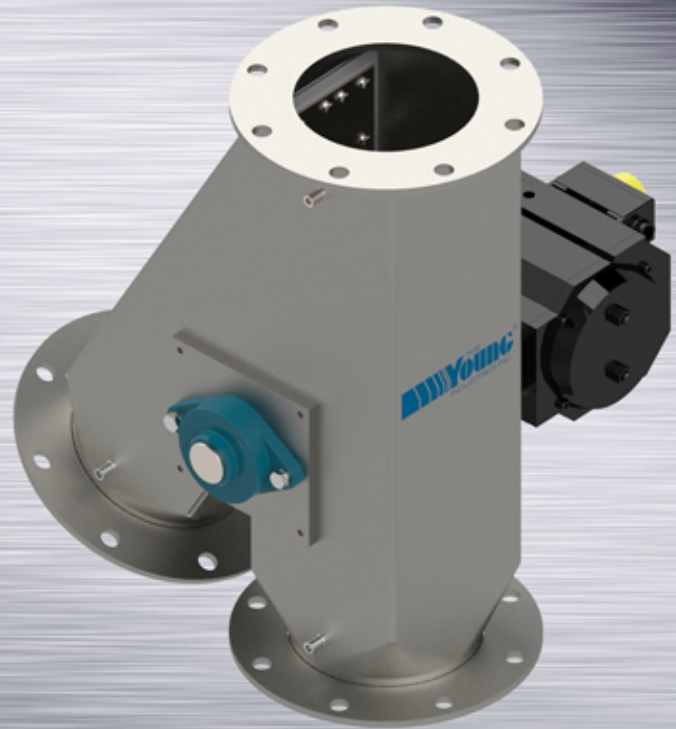
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STANDARD FEATURES:

- ▶ Fabricated carbon steel, aluminum, or 300 series stainless steel
- ▶ Standard operating temperature up to 250 degrees F
- ▶ Standard internal pressure rating of 2 PSIG
- ▶ O-ring shaft seal
- ▶ Ball bearing supported diverter shaft
- ▶ Manual, Pneumatic, or Electric actuation
- ▶ Gate has a flexible urethane wiper
- ▶ Dust tight to exterior
- ▶ Round or Square Flanges



**ADVANCED
TECHNOLOGY
PROVEN DESIGN**



TWO-WAY GRAVITY FLOW DIVERTER FOR POWDERS, PELLETS, OR GRANULAR MATERIALS

Young Industries Blade Diverter Valve is designed for handling powders or granular products in gravity flow or low-pressure conditions. The Blade Diverter Valve is available in size 4" thru 12" as standard with larger sizes also available. The valve is available in Symmetric configuration with one inlet and two discharge connections. The discharge connections can be either 30 degrees or 45 degrees offset from the vertical centerline of the inlet. This valve is also available in an asymmetrical configuration that has one leg vertical with the off-set leg at either 30 degrees or 45 degrees from the vertical leg.

The Blade Diverter Valve is constructed of heavy sheet metal and is available with round or square flange connections. The internal diverter gate utilizes a flexible wiper to provide a gate to housing seal. The Blade Diverter Valve is an excellent choice for those gravity flow applications that a relatively tight seal is required. The diverter gate is supported by flange type ball bearings and utilizes an O-ring to seal the diverter shaft to the exterior. The Blade Diverter Valve offers long service life for low pressure and gravity flow conditions.

Young Industries Blade Diverter Valve is available with manual spring tensioned lever operator, chain wheel, rotary pneumatic actuator, or electric actuator.

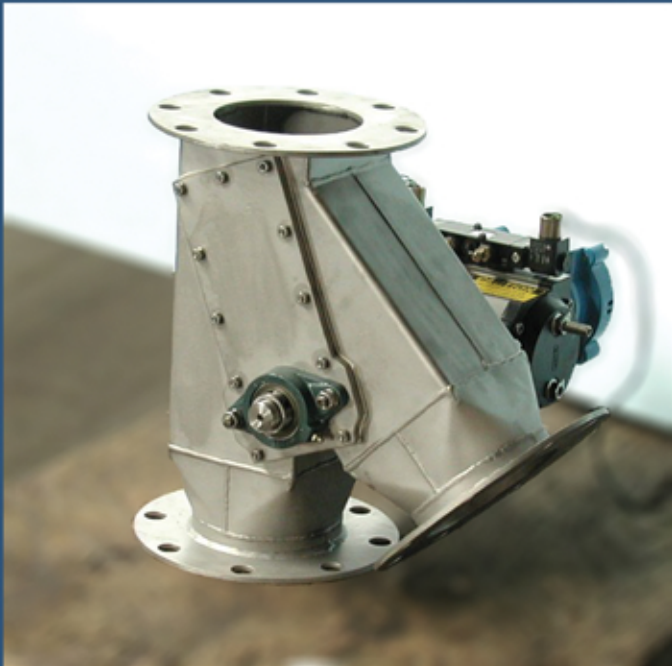
BLADE DIVERTER VALVE

Now Available
Rotary Valve Calculator App

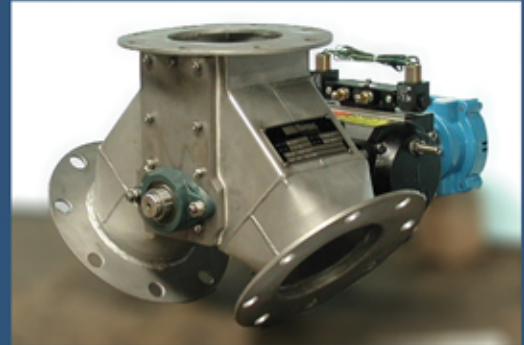
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Gravity Flow



Asymmetric Blade Diverter Valve



Symmetrical Blade Diverter Valve

OPTIONAL FEATURES:

- ▶ Abrasion resistant gate construction
- ▶ Access/ Inspection covers
- ▶ High temperature service
- ▶ Exterior painting and coatings to meet customer specifications



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