

ROTARY VANE DIVERTER VALVE

Young Industries Rotary Vane Diverter Valves are designed to eliminate internal ledges that can obstruct the flow of powders or pellets. Many Diverter Valves have internal ledges due to the gate itself having a bolted flexible wiper blade. The Rotary Vane Diverter blade and housing bore are machined to have a tight clearance. The machined diverter blade does not have wipers or fasteners.

*Figure 2 illustrates the un-obstructed flow path that the Rotary Vane Diverter Valve offers.

Young Industries Rotary Vane Diverter Valves are available in carbon steel, 300 series stainless steel or other special materials as requested. External ball bearings support the diverter blade for long service life and smooth operation.

Rotary Vane Diverter Valves are available with a manual actuator, rotary pneumatic actuator, or rotary electric actuator. The actuators are direct mounted to the machined shaft so there are no linkages which can present a safety concern. The Rotary Vane Diverter is available in sizes 4" thru 16" as standard with larger sizes and special configurations available. The valve can be a Symmetric or Asymmetric configuration.

