

eDART's Inline Dart Valves

Use an inline dart valve when you need the control and robustness of a dart valve in a slurry line



The yDart, and its variations, have the same polyurethane plug and seat as other eDART valves which offer the same high degree of slurry flow control

Do you have these issues?

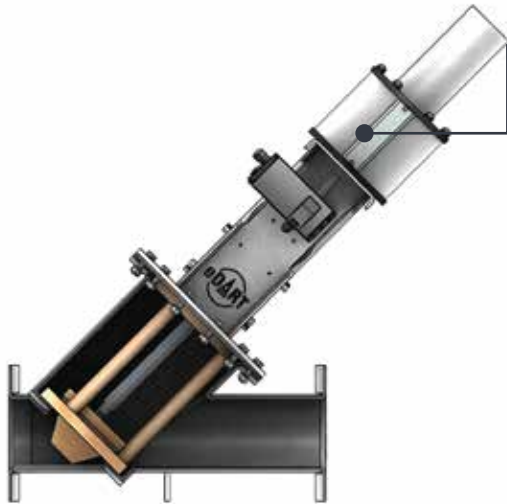
- Pinch valve sleeve flapping (a vacuum breaker after the valve is required)
- Poor control – large flow variations with small increments of stroke/opening
- Catastrophic failure of open frame pinch valves
- Difficult fail closure action on pinch valves
- Pinch valve on a gradient line (the free floating actuator strains the valve guides)
- Reduced sleeve or valve life
- Shuddering on pinch valve guide bars
- Backlash on a rotary valve (Butterfly)
- Poor control range (small area of linearity)
- Oversized valve
- Sleeve or disc wears out quickly when not sized correctly or has large turndown
- Vulnerable to wear at low flow rates

Then an inline dart valve will benefit you

Optimising Plant Performance

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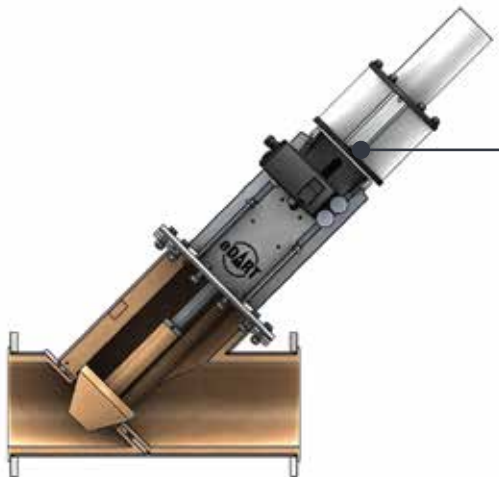
yDart



Standard rubber lined body

For most applications, a rubber lined body is suitable. This valve offers all the benefits of the eDART dual and single valves in an inline version. The feedback is engineered to be linear and the actuator is mounted on a stiff pedestal. The plug has a linear flow characteristic to offer good control. The components are standardised across the eDART range for ease of spares.

Poly yDart



Polyurethane lined body

In more aggressive environments, the whole body is polyurethane lined and the guide bars are integrated for added robustness.

Flash Dart



Coarse particle bypass

For the most aggressive slurry flows and the ability to pass expelled mill balls, a bypass is built into the valve under the seat. These valves are good for flash float underflow control.