

eDART presents the internal dart valve well suited to very deep (>5 m) tanks. The valve just needs the simple steps of bolting down the mounting plate and seat, then adjusting the positioner to calibrate. The valve does not require additional internal guide plates as the guiding and stability is done on the plug head. If the tank depth is less than 2-metres then it is recommended that a Tri-Dart be used.

Material of Construction

- Mild Steel or Stainless Steel bodywork.
- Polyurethane protected shafts and mounting bars.

Standard Sizes

- 100 mm to 1000 mm.

Please enquire about customisation to suit your needs and plant layout.

Options

- Supplied with or without an actuator.
- Bias Spring Fail Closed, Fail Fixed or Double Acting Actuator Options.
- Smart (HART, Profibus), Electro-Pneumatic (4-20mA), Pneumatic (20-100kPa) Positioner.
- Please ask for modifications to suit your needs and plant layout.
- Safety Guards enclosing feedback mechanism.

Features

- Modulating Control or On/Off applications.
- Fully customisable design.
- Suitable for tanks in excess of 2 meters deep. For shallower tanks we recommend the TriDart valve as an alternative.
- Anti Rotation Device.
- Stroke Indication.

Applications

- Large flotation machines.
- Deep distribution boxes: Integral head guiding.
- Splitter boxes.
- Distribution boxes.
- Conditioner tanks.

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