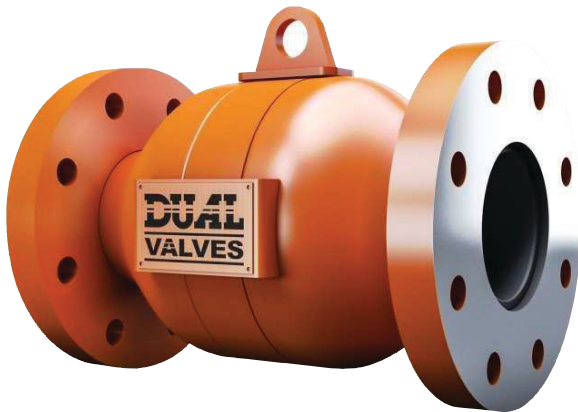


### DUAL DEWATERING IN LINE BALL CHECK VALVE



**DUAL's** Dewatering In Line Ball Check Valve should be isolated on the discharge side of the dewatering pump. The unique design of the valve allows free movement of the ball to open and close on reflux. Preventing the pump from turning in the wrong direction. The valve also protects the pipeline from siphoning when the pump is not in operation. There is no pressure drop across the valve.

#### FEATURES

The Flo-Stop is the only proven maintenance and trouble-free dewatering valve in the world with the following features:

- Perfect sealing.
- Ease of installation.
- Maintenance free.
- Silent, non-slamming.
- No pipe hammer.
- Can be mounted in any position.
- Low head losses.
- Non clogging, self cleaning ball.
- Prevents syphoning of valve.
- Prevents pump from rotating in the opposite direction.
- No scale build up on seat or ball.
- Full bore.
- Fabricated valves face-to-face can be altered to suit different types of valve face-to-face dimensions.
- Simple construction - one moving part.

#### PRODUCT SPECIFICATION

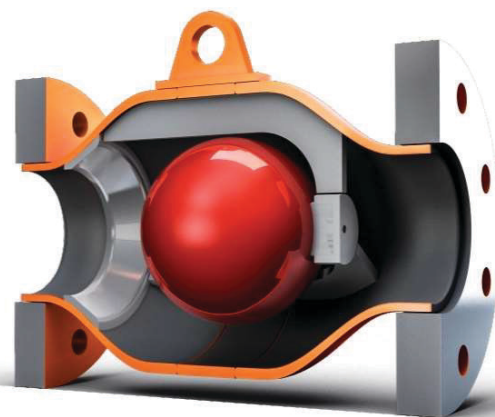
**SIZE RANGE:** 80mm - 500mm.

**OPERATING TEMPERATURE:** -10°C to +80°C.

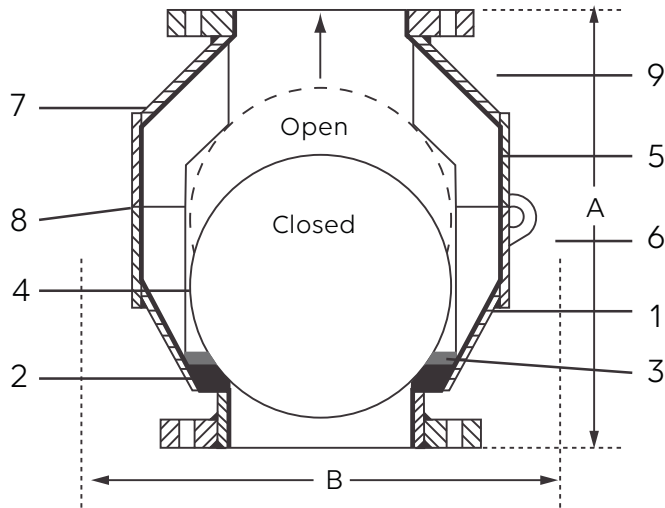
**VALVE TYPE:** Ball Non-return valve.

**PRESSURE RATING:** 10 Bar - 60 Bar.

**MEDIUM:** Water.  
Mine water underground.  
Heavy, thick and viscous liquid.



## OUTLINE DIMENSIONS & SPECIFICATION



## APPLICATIONS

- Mining and mineral processing.
- Power generation.
- Sand and gravel.
- Chemical and soda ash.
- Pulp and paper.
- Environmental and effluent.
- Water.
- Pump discharge.

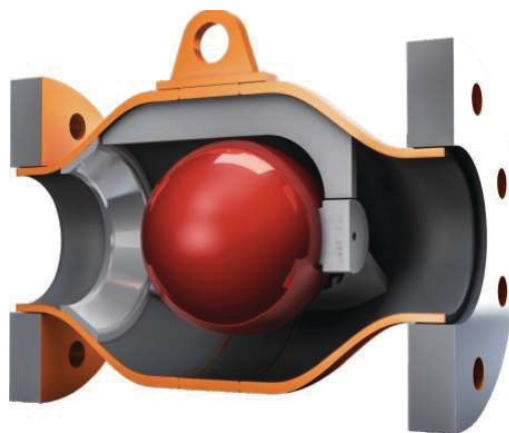
PART	DESCRIPTION
1	Body Carbon Steel / Cast Steel / Stainless Steel
2	Body Seat AR Steel, S.S., Urethane or Rubber
3	Secondary Seat Linatex Rubber (Skirt)
4	Ball Stainless Steel, Urethane or Rubber
5	Valve Body Lining Rubber, Urethane or Ceramic (Optional)
6	Bolts and Nuts Cadmium Plated Steel / High Tensile
7	Paint Epoxy Powder coated or painted to custom spec.
8	Body Gasket 'O' Ring
9	Lifting Lug Carbon Steel / Cast Steel / Stainless Steel

VALVE SIZE (mm)	A	B	WEIGHT (kg)
80	305	320	20
100	320	390	30
150	420	490	50
200	500	690	80
250	560	790	100
300	585	850	120
350	605	900	160
400	700	950	210
450	780	1030	350
500	1050	1030	500

Dimensions and weights are for guidance only - detailed dimension drawings available on request. All dimensions are in millimeters, unless stated.

## INSTALLATION:

HORIZONTAL INSTALLATION



VERTICAL INSTALLATION



CORPORATE HEADQUARTERS:  
166 ROTTERDAM ROAD  
(CNR ROTTERDAM ROAD & ANTWERP STREET)  
APEX, BENONI, GAUTENG, SOUTH AFRICA

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