

DUAL FLO-STOP VALVE



DUAL's Flo-stop Valve has a reinforced Stainless Steel ball. The unique design of the valve allows free movement of the ball. The ball lifts out of the liquid without any interference. As the pump stops, the ball falls back and positively locates in the Stainless Steel seat due to its own weight and back pressure of the liquid. The higher the pressure the better the secondary rubber seal will seal.

PRODUCT SPECIFICATION

SIZE RANGE: 80mm - 500mm.

PRESSURE RATING: See table.

TYPE: Ball non-return valve.

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

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

FEATURES

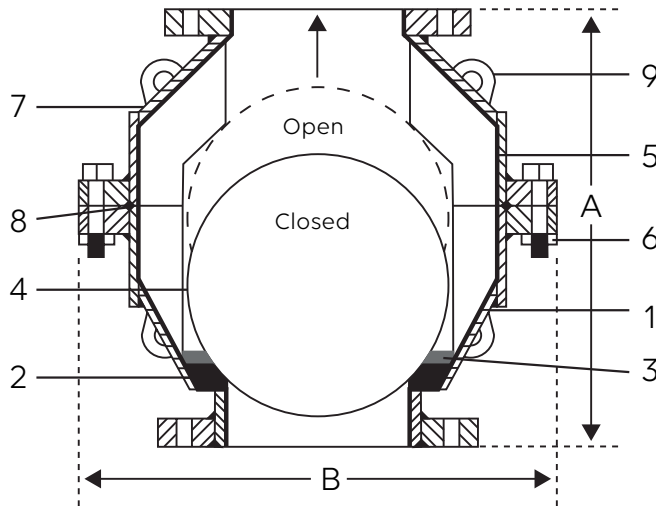
The Flo-Stop is the only proven maintenance and trouble-free dewatering valve in the world, with all these features.

- Perfect sealing.
- Low head losses.
- Non clogging, self cleaning ball.
- Minimum back pressure for tightness: 0.3 to 0.5 Bar.
- Secondary seat rubber.
- Maintenance free.
- Full bore.
- Silent, non-slam, reduces pipe hammer.
- Fabricated valves face-to-face can be altered to suit different types of valve face-to-face dimensions.
- Simple construction - one moving part.

WORKING PRESSURE	PN10	PN16	PN25	PN40	PN60	PN100
Shell Test Pressure	1.5MPa	2.4MPa	3.7MPa	6.0MPa	9.0MPa	15MPa
Seal Test Pressure	1.1MPa	1.76MPa	2.5MPa	4.0MPa	6.0MPa	10MPa
For Higher Pressures Please Consult the Factory						



OUTLINE DIMENSIONS & SPECIFICATION



APPLICATIONS

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

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	80
100	320	390	120
150	420	490	200
200	500	690	250
250	560	790	370
300	585	850	440
350	605	900	500
400	700	950	950
450	780	1030	1000
500	1050	1030	1100

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:
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