

Principle

The reinforced rubber ball is the heart of this valve. This ball in the designed path of the valve moves freely and promptly reacts to the ON & OFF of the pump. The ball moves to open position when the pump starts & allows free flow of liquid without any interference. (Fig. A) As the pump stops, the ball seats firmly against the metal seat due to its own weight & back pressure of the liquid (Fig B) This results in DROPLESS sealing.

Features of the Valve

- This valve is offered in one side flanged & strainer to the other side design.
- New generation valve with unique and non-conventional design.
- Suitable for a very wide range of applications like slurry, sewage, paper, chemical, water supply, agriculture, muddy water, slurry, paper stock, viscous liquid and clear water.
- Robust and very simple mechanism.
- A floating reinforced rubber coated ball is used instead of hinge-pin-disc.
- Highly sensible to arrest flow with perfect sealing.
- Very low head loss
- Non clogging and self cleaning mechanism
- Maintenance free
- Power saving
- Large solid handling capacity
- Operates silently upto 80 oC

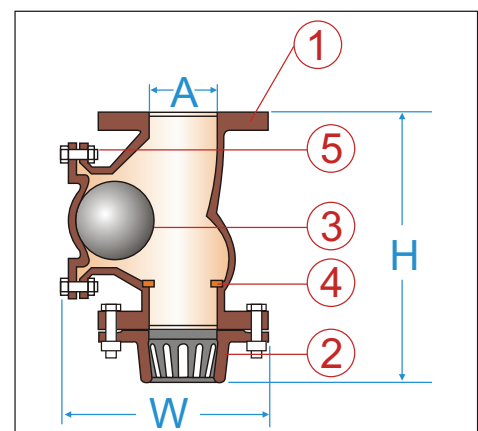


Sizes : 25 – 350 mm

Working Pressure 10/15 kg/cm²

Part List / Materials of Construction

Part	Description	Material
1.	Body	Cast Iron
2.	Strainer	Cast Iron
3.	Ball	Nitrile Rubber
4.	Seal Ring	Nitrile Rubber
5.	Fastener	Carbon Steel
6.	Adaptor	Cast Iron



Dimensions (Valve size in mm)

Size(A)	25	40	50	65	80	100	125	150	200	250	300	350
H	185	225	250	300	330	415	480	545	690	830	970	1100
W	115	160	180	207	230	280	338	400	500	570	680	795