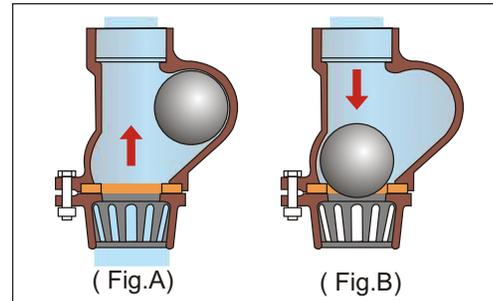


Principle

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

- New generation valve with unique and non-conventional design.
- This valve is offered in one side threaded and other side strainer 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
- Installation can be vertically or horizontally
- Operates silently upto 80 oC
- This valve has a quality for withstanding consistent performance and longer life.



Pressure rating

Size **Rating**
 25 - 100NB PN 0.6
 For CI Construction.

Dimensions (A = Valve size in mm)

A	25	40	50	65	80	100
H	140	156	180	215	264	306
W	115	125	136	165	204	250
Wt.(kg)	1.5	2.0	3.0	4.5	8.5	12.3

Part List / Materials of Construction

Part	Description	Material
1.	Body	Cast Iron - IS210, FG200 (min)
2.	Strainer	Cast Iron - IS210, FG200 (min)
3.	Ball	Nitrile Rubber Coated
4.	Seat Ring	25 - 80NB = Nitrile ASTM D-2000 100NB = L.T.BRONZE (LTB-2)
5.	Fastener	Carbon Steel CL4

