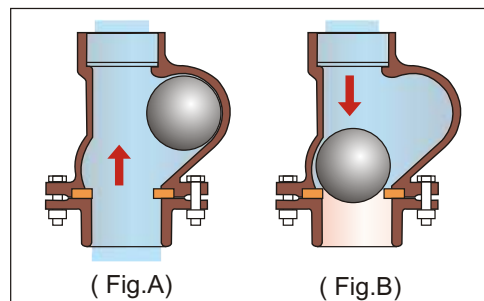


## Principle

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 both end-threaded 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
- 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	121	142	167	208	250	295
W	115	125	136	165	204	250
Wt.(kg)	1.7	2.0	3.2	5.2	8.5	13.5

## Part List / Materials of Construction

Part	Description	Material
1.	Body	Cast Iron - IS210, FG200 (min)
2.	Ball	Nitrile Rubber Coated
3.	Seat Ring	Nitrile ASTM D-2000
4.	Fastener	Carbon Steel CL4
5.	Adaptor	Cast Iron - IS210, FG200 (min)

