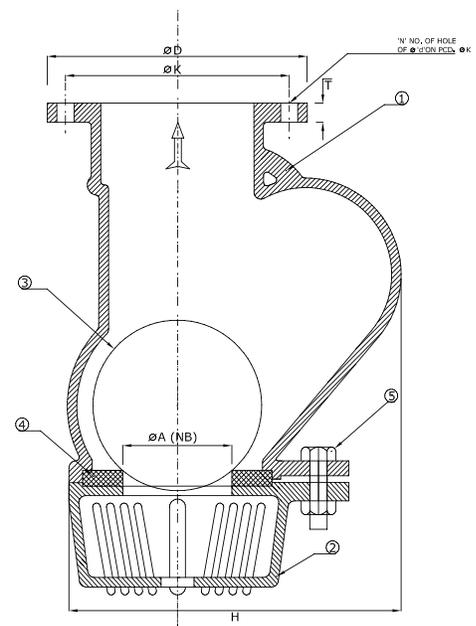
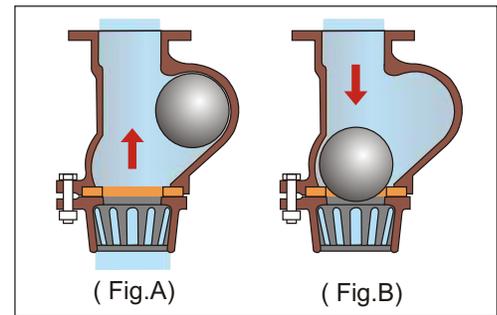


Principle

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
- This valve is offered in one side flanged & strainer to the other side 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-seat.
- 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
- This valve has a quality for withstanding consistent performance and longer life.



Part List / Materials of Construction

Part	Description	Material
1.	Body	Cast Iron - GG25
2.	Strainer	Cast Iron - GG25
3.	Ball	Nitrile Rubber Coated
4.	Seat Ring	Nitrile ASTM D2000 L.T.Bronze IS318 - LTB2
5.	Fastener	Carbon Steel CL4

Dimensions (A = Valve size in mm)

A	50	65	80	100	125	150	200
D	168	188	202	220	254	285	342
L	180	218	264	314	379	439	539
W	135	165	201	240	295	345	462
T	14	15	14	17	16	16	18
Wt.(kg)	4.6	7.4	10	16	20	34.5	86