

## BALL TYPE FOOT VALVES F/E

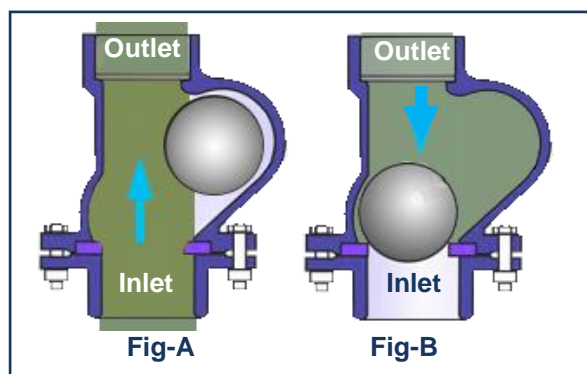
### PRINCIPLE OF OPERATION :-

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



### SILENT FEATURES :-

- ❖ 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°C

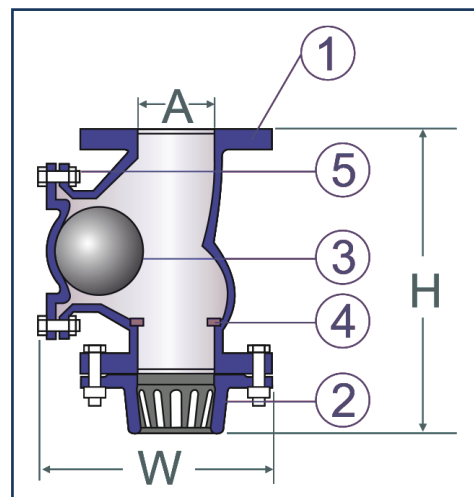


### PRESSURE RATING :

- ❖ Sizes : 25 – 100mm, Working Pressure 10/15Kg/Cmsq

### MATERIAL OF CONSTRUCTION :-

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



### Dimensions(All Dimensions are in mm)

	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	

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