

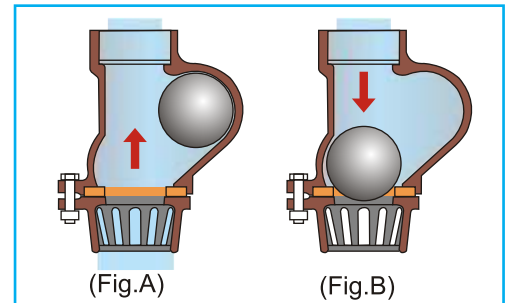
Ball Foot Valve (Threaded) : Model B-04

■ Principle

The reinforced rubber ball is the heart of this valve. This ball in 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 Ball Check 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°C
- This valve has a quality for withstanding consistent performance and longer life.



■ Pressure rating

Size	Rating (KPa)	Rating (Kg/Cm ²)/(Bar)
25 - 100NB	PN 0.6	PN 6

(For CI Construction)

■ Part List / Materials of Construction

Part	Description	Material
1.	Body	Cast Iron - IS210, FG200 (min) / GG25
2.	Strainer	Cast Iron - IS210, FG200 (min) / GG25
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

■ Dimensions (∅A = Valve size in mm NB)

∅A	25	32	40	50	65	80	100
H	144	160	158	185	235	265	308
W	114	117	125	130	170	205	265
APP. Wt.(kg)	1.6	1.9	1.7	3.1	4.9	7.7	12.6

