

# Spring Loaded ball type Plastic Check Valve

2", 2½" & 3"



## Features

- Delivers High Volume of water quickly with unrestricted full flow.
- Guided Ball for smooth operation.
- Polypropylene Material gives excellent chemical and corrosion resistant
- Prevents leakage from Ball seal at lower pressure.
- Spring Loaded Guided Ball for smooth & quick operation.
- Two Ports with pre factory installation of Vacuum Breaker at Inlet & End Plug at out port.
- Inlet Pressure port can be use for priming of pump.
- Arrow for correct installation of Check valve.
- Universal Flange connection comply multi-International Flange standards.

## Applications

- For use after pumps and boosters, lateral pivots, filtration systems, swimming and as a foot check valve for pumping from ponds.
- Recommended in micro/drip irrigation systems as a safety valve to prevent the water hammer and to maintain water column in delivery pipe.

## Technical Specifications

- Type of check valve: Guided Ball Check Valve
- Connection: 2" (50mm), 2½" (65mm) & 3" (80mm) Flanged End
- Max. Operating Pressure: 6.0 kg/cm<sup>2</sup>
- Min. Cracking pressure: Valve begins to open at 2 to 3Psi
- Horizontal and vertical installation
- Flange dimensions suited for Standard: BS10 (Table D & E), ANSI Class 125/150, ISO 7001 (DIN), BS EN 1092
- Clean passage area is more which leads to minimal head loss (< 0.15 Kg/cm<sup>2</sup>) at nominal flow rate.

### Material Specification

PART NO	PART NAME	MATERIAL	QTY.
1	Body (Inlet Side)	PPGF	1
2	Body (Outlet Side)	PPGF	1
3	Body O-ring	NBR	1
4	Ball	ABS	1
5	Ball Seal	NBR	1
6	Nut	SS	8 each
7	Bolt	SS	8 each
8	washer	SS	16 each
9	Vaccum breaker	BRASS	1
10	Plug	PPGF	1
11	Spring	SS	1

