



APPLICATIONS

**Plumbing | Fire Fighting | Sewage Treatment Plant
Water Treatment Plant | HVAC | Process Industry
Water Supply | Agriculture | Industrial**



Success Flow of 6 Years

Manufactured by :
RUMAX TECHNOLOGIES
Industrial Valve Manufacturer
5/239-A, Kuppanaickenpalayam Road,
Somayampalayam, Coimbatore - 641 108.
Tel : +91 422 - 2400349, 2404649
E-mail : rukmanieng@gmail.com
Web : www.rumax.in

Group Company (ISO 9001-2015 Certified)
RUKMANI ENGINEERING WORKS
(Foundry Division)
5/235/C4, Kuppanaickenpalayam Road Cross-3,
Somayampalayam, Coimbatore - 641 108. India
Tel : +91 422 2406308, Telefax : +91 422 2404649
Email: rukmanieng@gmail.com
Web: www.rukmanicorp.in

Authorised Dealer

Ball Type Foot Valve (Flanged End) Model No – R01

PRINCIPLE OF BALL TYPE FOOT VALVE

rumax Ball Type Foot Valve has involved in a reinforced rubber coated ball to arrest flow media in return condition. This ball moves totally out of the flow path when the pumping is on, to give minimum head losses (See Figure). The spherical rubber coated ball seals perfectly on the rounded valve seat ensuring a totally leak proof sealing.

ADVANTAGES OF BALL TYPE FOOT VALVE

- ❖ Low power consumption
- ❖ Larger solid handling capacity
- ❖ Self cleaning, Non-Clogging
- ❖ Perfect Sealing
- ❖ Low pressure drop
- ❖ Maintenance free
- ❖ Replacement of spares is a minutes job.
- ❖ Works excellently in muddy / clear water, viscous liquid, paper stock, slurries

MATERIALS:

- ❖ Cast Iron Body & Strainer (CS & SS on request)
- ❖ Nitrile rubber coated ball
- ❖ 40mm to 150 mm Nitrile rubber Seat ring
- ❖ 200mm to 300mm L T Bronze Seat ring

PRESSURE RATING:

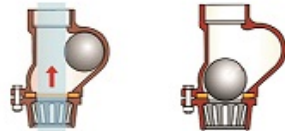
- ❖ Regular Model : 40mm to 200mm PN 0.6
- ❖ Speical Model : 40mm to 125mm PN 1.6
150mm to 300mm PN 1.0
- ❖ Temperature : Up to 80°C

INSTALLATION

Vertical / Inclined

Height of Valve (Size in mm)

Size	40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm	250mm	300mm
H	160	190	235	270	315	380	450	545	760	860



Ball Type Check Valve (NRV) Model No – R03

PRINCIPLE OF BALL TYPE CHECK VALVE

rumax Ball Type Check Valve (NRV) has involved in a reinforced rubber coated ball to arrest flow media in return condition. This ball moves totally out of the flow path when the pumping is on, to give minimum head losses (See Figure). The spherical rubber coated ball seals perfectly on the rounded valve seat ensuring a totally leak proof sealing.

ADVANTAGES OF BALL TYPE CHECK VALVE

- ❖ Low power consumption
- ❖ Larger solid handling capacity
- ❖ Self cleaning, Non-Clogging
- ❖ Perfect Sealing
- ❖ Low pressure drop
- ❖ Maintenance free
- ❖ Replacement of spares is a minutes job.
- ❖ Works excellently in muddy / clear water, viscous liquid, paper stock, slurries

MATERIALS:

- ❖ Cast Iron Body & Cover (CS & SS on request)
- ❖ Nitrile rubber coated ball
- ❖ Leaded Tin Bronze Seat ring

PRESSURE RATING:

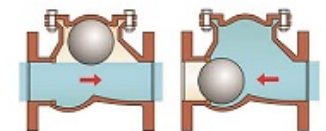
- ❖ 25mm to 125mm PN 1.6
- ❖ 150mm to 300mm PN 1.0
- ❖ Temperature : Up to 80°C

INSTALLATION

Vertical / Horizontal

Length of Valve (Size in mm)

Size	25mm	32mm	40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm	250mm	300mm
L	150	150	175	200	240	260	300	350	400	500	600	700



Ball Type Foot Valve (Threaded End) Model No – R02

MATERIALS:

- ❖ Cast Iron Body & Strainer
- ❖ Nitrile rubber coated ball
- ❖ Nitrile rubber seat ring
- ❖ Sizes : 40mm to 100mm

PRESSURE RATING:

- ❖ 25mm to 100mm PN 0.6
- ❖ Temperature : Up to 80°C

INSTALLATION

Vertical / Inclined

Height of Valve (Size in mm)

Size	25mm	32mm	40mm	50mm	65mm	80mm	100mm
H	145	145	160	195	230	265	315



Ball Type Check Valve (Threaded End) Model No – R04

MATERIALS:

- ❖ Cast Iron Body & Strainer
- ❖ Nitrile rubber coated ball
- ❖ Nitrile rubber seat ring
- ❖ Sizes : 40mm to 100mm

PRESSURE RATING:

- ❖ 25mm to 100mm PN 0.6
- ❖ Temperature : Up to 80°C

INSTALLATION

Vertical / Horizontal

Height of Valve (Size in mm)

Size	25mm	32mm	40mm	50mm	65mm	80mm	100mm
H	130	130	150	190	220	255	305

