

## FOOT VALVES



Normex Ball Foot Valves has received a special status in negative suction pumping applications. Normex Ball foot valve is regarded as the most reliable, 100% leakproof foot valves. & is an only solution for typical priming problem.

In the application where footvalve is involved, the main concern of the user is letting away of media by the foot valve. This calls for the 'priming,' of the the pump which is time consuming & tedious job. If the "on-off frequency" is more, the trouble rises multifold. A heavily leaking footvalve can also give rise to start up trouble to pump as suction line never gets filled completely. A leaking footvalve can cause not only time wastage but also delay in process industry where water is required at particular instant.

In typical case of Fire fighting application, if foot valve leaks, pump is not started can cause damage to property as well as life.

Even in application in irrigation / agriculture sector, where electricity is available for limited time & intermittent (in rural India) priming pump every time/any time of day & night is a loss to pumping time.

With Ball foot valve (Threaded or Flanged) installed the frequent priming is totally avoided for a very long span months to years.

Normex Ball foot valves (along with Ball Check & Butterfly valves) are regularly & exclusively recommended by many consultants for many years. The Plumbing, Fire, HVAC, Irrigation contractors are also convinced by the reliability of these valves all leading to customer satisfaction.

The principal features & comparison of foot valves are similar to Ball Check valves(B-01).

<b>DESCRIPTION</b>	<b>MATERIAL OF CONSTRUCTION</b>
<b>BODY/STRAINER</b>	CAST IRON (GG25)
<b>BALL</b>	NITRILE REINFORCED
<b>SEALING RING</b>	NITRILE UPTO 80mm
<b>FASTENERS</b>	CARBON STEEL
<b>PAINT</b>	ENAMEL PAINT
<b>END CONNECTION</b>	FLANGED
<b>SIZE RANGE</b>	50mm TO 200mm

**PRESSURE TESTING**

BODY: 1.5 X PN

SEAT : 1.1 X PN

**PRESSURE RATING -KPa**

50mm TO 200mm

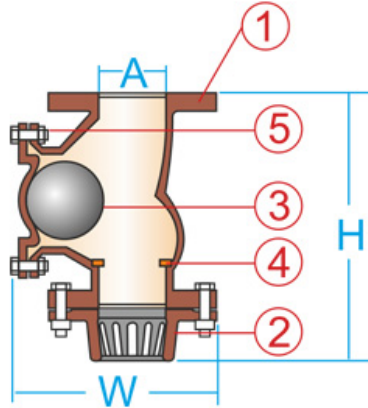
PN 0.6

**INSTALLATION**

VERTICAL

**TEMPERATURE**

SUITABLE UPTO 80°C

**1) Ball foot valve(Flanged): Model B-05(N)**

These flanged foot valves are available from 50mm to 200mm sizes with 6.0 kg/cm<sup>2</sup> working pressure.

**2) Ball Foot valve (Flanged) B-05**

These are the check valves converted to foot valves by installing strainer to the inlet side.

They are generally recommended for sizes of 250mm,300mm & 350mm NB.However,smaller sizes from 25mm TO 200mm are available & can withstand pressures of 16/10 kg/cm<sup>2</sup> depending on size.

For normal application Model B-05(N) is recommended in the sizes from 50mm to 200mm.

**DESCRIPTION****STANDARD MATERIAL****ON REQUEST**

BODY/COVER/STRAINER

CAST IRON (GG25)

S.G.IRON(DI)/WCB/ST.STEEL

BALL

NITRILE REINFORCED

NEOPRENE/EPDM

SEAT RING

L T BRONZE

ST.STEEL

FASTENERS

CARBON STEEL

ST. STEEL

PAINT

ENAMEL/EPOXY PAINT

END CONNECTION

FLANGED

**SIZE RANGE**

25mm TO 350mm

**PRESSURE TESTING**

BODY: 1.5 X PN

SEAT : 1.1 X PN

**PRESSURE RATING -KPa**

25mm TO 125mm

PN 1.6

150mm TO 300mm

PN 1.0

PN 0.6

INSTALLATION  
TEMPERATURE

VERTICAL  
SUITABLE UPTO 80°C

Dimensions ( Valve size in mm)

Size (A)	25	40	50	65	80	100	125	150	200	250	300	350
H	185	225	185	235	260	310	370	435	540	830	970	1100
W	115	160	170	200	230	265	325	380	495	570	680	795

Technical comparison of Normex Foot Valve - Ball type is the same as described in Normex Check Valve - Ball type

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