

DB-1

Slip on Duckbill Check Valve (Flat bottom)



Model: DB-1

Design features:

Rubber construction

Slip over the end of a pipe

Sized on the O.D of pipe end

Secured in place by one or more 316 stainless steel clamps

Flat bottom design for installation in tight spaces

Flared top design to enhance flow rates and reduce head loss

Curved bill design for 50% more sealing surface

Installed over the O.D of pipe



Opening Pressure:
25mm of fluid/water.

**Pressure Loss: 2kPa
average**

No bottom clearance
required to install

Extended Life Span

Better sealing design
with curved bill 50%
more sealing area

Lightweight

No maintenance

No energy source

No rust/corrosion

**Back Pressure on the
curved bill forces the
bill lips together and
seals closed.**

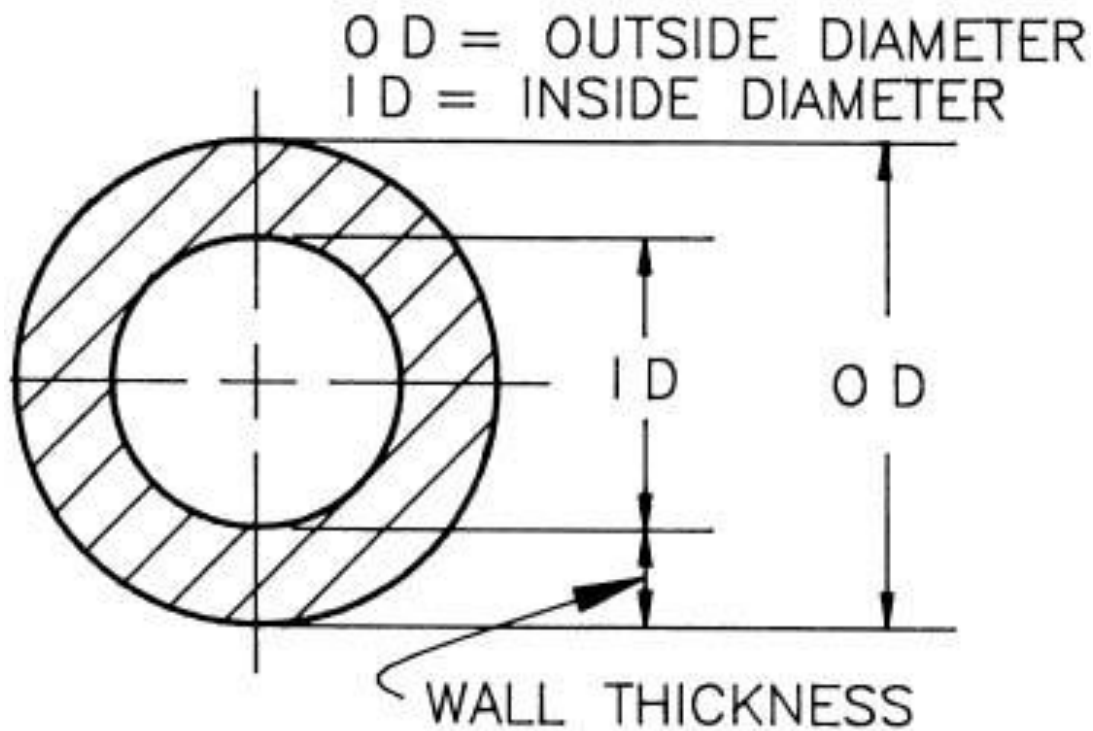
Material Options

Rubber options – Neoprene, Nitrile Buna-N, EPDM, VITON, Natural Rubber

Clamp option – 316 Stainless Steel as standard – others on request

Pipe Outside diameter sizing options

(others available on request)



DB-1 Slip On Duckbill Check Valve

Smallest O.D size 88.9mm

Largest O.D size 2550.0mm

Pipe O.D size list for DB-1 slip on

88.9mm

90.0mm

100.6mm

101.6mm

104.0mm

104.8mm

108.0mm

110.0mm

114.3mm

125.0mm

127.0mm

129.0mm

130.2mm

133.0mm

139.7mm

140.0mm

141.3mm

154.0mm

159.0mm

160.0mm

168.3mm

172.0mm

180.0mm
200.0mm
219.1mm
225.0mm
250.0mm
260.0mm
267.0mm
273.0mm
280.0mm
304.0mm
315.0mm
323.9mm
355.0mm
355.6mm
362.0mm
400.0mm
406.4mm
450.0mm
457.2mm
458.0mm
500.0mm
508.0mm
540.0mm

558.8mm
560.0mm
609.6mm
630.0mm
710.0mm
711.2mm
762.0mm
800.0mm
812.8mm
835.0mm
900.0mm
914.4mm
1000.0mm
1016.0mm
1117.6mm
1200.0mm
1219.2mm
1320.8mm

Other sizes available up to 2550.0mm

Dimension drawings for each individual O.D size can be supplied with quotes.

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