QUEENSLAND IRRIGATION SERVICES PTY LTD

P.O. BOX 856, Virginia BC, QLD, 4014
Phone (07) 3265 7799

ABN 50 733 120 590
Fax: (07) 3865 1764
www.qldirrig.com.au

31 Basalt Street Geebung, QLD 4034
E-Mail: info@qldirrig.com.au

Aluminium & Cast Iron Irrigation Hydrants
All Types of Irrigation Coupling Rubbers
Cast Iron Irrigation Outlet Tees
WETTA Sprinklers

Aluminium Irrigation Couplings & Flanges
Hydro-Flo Foot Valves and Fittings
Hand Priming Pumps
ANKA Products

3" - 12" "POLY CHECK"

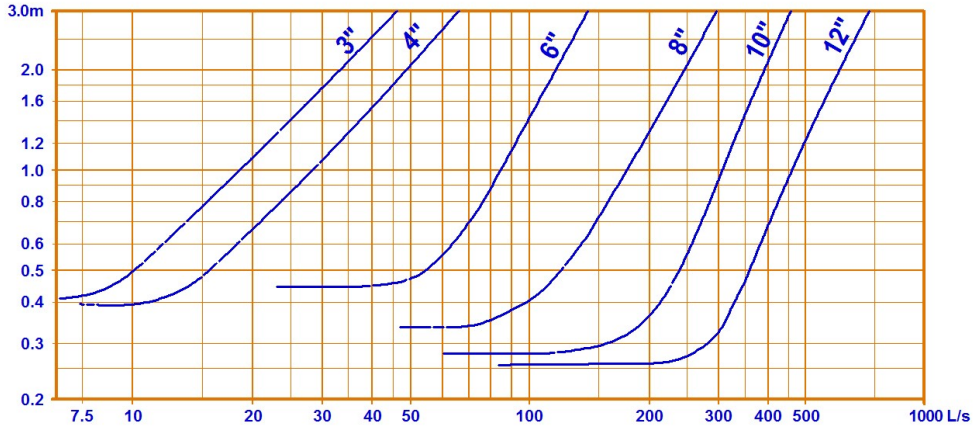
Drilled Table D

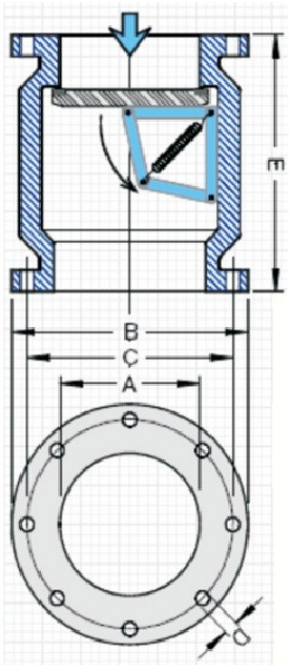
CHECK VALVE

SUCTION

FOOT VALVE

Headloss Chart for Poly Check Valves





DIMENSIONS												
Size Inches / mm	Wt (Kg) Check Valve	Wt (Kg) Screen	A mm	B (mm) Check Valve	B (mm) Screen	C mm	E (mm) Check Valve	E (mm) Screen	D mm	No of Holes Check Valve	No of Bolts Screen	Flange Thick-ness Check Valve mm
3"/80	3	4	76	185	260	146	250	230	18	4	4	25
4"/100	4	4	101	215	260	178	280	280	18	4	4	26
6"/150	9	6	152	280	330	235	360	340	18	8	4	30
8"/200	14	8	203	335	385	292	400	390	18	8	4	36
10"/250	19	19	254	405	530	356	440	590	22	8	4	39
12"/300	25	19	305	455	530	406	460	600	22	12	6	51

Max Pressure: 150psi. - **Working Position**: any angle.— **Screen Hole Size —**10mm

Material: Polyethylene & 304 Stainless Steel.

Ratio of Open area of screen to Valve—3"-10x, 4"- 8x, 6"- 6x, 8"- 5x, 10"- 8x, 12"- 8x.

FEATURES OF POLY CHECK VALVES.

1/ Flap Closed By Spring Action.

A prominent feature of Poly Check Valves is the action applied by two springs that act on an articulated mechanism attached to the closing disc. This design allows a small force in the springs on the articulated mechanism in the valve closed position, managing to keep a closure pressure much greater than would be if the springs were attached directly to the disc.

2/ Valve Body and Screen made of High Density Polyethylene.

Resistant to most corrosion.

3/ Working Mechanism made of 304 Stainless Steel.

Resistant to most corrosion.

4/ Seal Made From Nitrile Rubber.

Resistant to many corrosives.

5/ Closing contact is HDPE and Rubber.

Greatly reduces wear and tear and sticking.

6/ Closing Mechanism designed to close early.

The mechanism is designed to close a moment before the flow is reversed, helping to reduce water hammer.

7/ Able to install at any Angle.

As the closing mechanism is spring loaded it can be installed at any angle reducing system costs.

8/ Easy Inspection and Maintenance.

Complete operating mechanism can be inspected by removal of 2 bolts.

9/ Separate Valve and Screen.

Can be used as Check Valve, Foot Valve or Suction Screen.

10/ Large open area of Suction Screen.

No extra head loss on Foot Valve .