

HYDRO-FLO FOOTVALVES

Stainless Steel and Acetal—Compact, High Flow

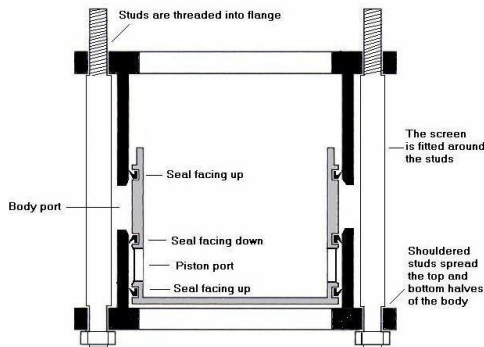


Approx Dimensions

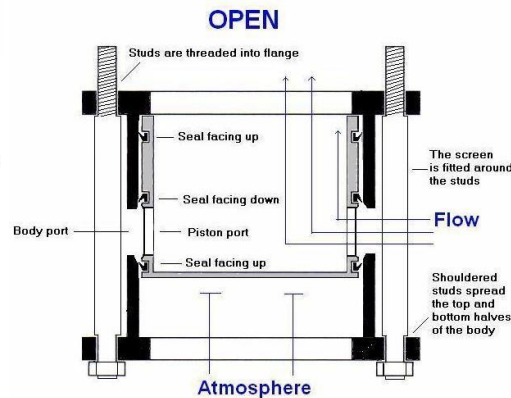
Calculated Flows in L/sec at less than 1/2mtr Head Loss in Foot Valves @ Sea Level										
Height from pump to water level	50mm Acetal	80mm And 65mm Acetal	100mm Acetal	80mm St/St	100mm St/St	150mm St/St	200mm St/St	250mm St/St	300mm St/St	Any Size Needed Made to Order
1mtr	9	20	44	41	67	103	187	310	398	
2mtr	9	19	42	39	64	99	180	298	383	
3mtr	9	19	40	38	62	95	173	286	367	
4mtr	8	17	38	35	58	90	163	270	347	
5mtr	8	17	36	34	56	86	156	258	332	
6mtr	6	13	28	26	43	66	120	198	255	

Dim mm	A	B	Wt Kg T/D	Wt Kg T/E
50 BSP F Acetal	80	135	.5	
65 BSP M Acetal	110	185	1.5	
80 BSP F/M Acetal	110	185	1.5	
100 BSP F Acetal	150	225	3	
80 St/St	190	195	8	8.5
100 St/St	215	215	11	12.5
150 St/St	280	250	22	24
200 St/St	335	260	32	35
250 St/St	405	325	60	68
300 St/St	455	360	100	120

Basic Construction



Basic Construction



All Parts are 316 Stainless Steel.
Seals: Urethane 'U' Cup style.
Other body and seal materials used on request.

SUCTION SCREENS ALSO AVAILABLE



HYDRO-FLO STAINLESS AND ACETAL FOOT VALVES

FEATURES.

1/ Compact.

Can be used in tight situations.

2/ Side Entry.

Pump from closer to bottom.

3/ High Flow.

Smaller Valves can be used for higher capacity.

4/ Low Head Loss.

1/2 mtr to operate Plunger then fully open.

5/ High Efficiency.

Saves on fuel and energy.

6/ Flanged units with 316 Stainless Steel Body.

Resistant to most corrosives.

7/ Plunger PolyPropylene to 6" and 316 Stainless above.

Resistant to most corrosives.

8/ 316 Stainless Screen.

4.7mm Punched screen standard with larger available on request.

9/ V Seals Nitrile, others available on request.

Positive sealing and resistant to most corrosives.

10/ Seals not in Fluid Flow.

Seals protected from wearing.

11/ Plunger operation only at start and finish of operation.

No wearing on sealing surfaces or plunger.

12/ Plunger weighted or spring loaded.

Ensures complete operation.

13/ Studs Part of unit.

Gives overall strength of unit and long enough for Poly stub flanges.

14/ Can be made to Order.

Stud pattern to suit flanges required.

Any size can be made.

15/ Australian Designed and Manufactured.

Cad drawings available.

INSTALLATION AND OPERATING NOTES.

1/ Valve needs to operate within 5deg of vertical.

2/ Bottom of Valve must not sit on a soft bottom as it needs to expel water when piston operates.

3/ Water is drawn in through sides so do not restrict this surface.

4/ If operating in a situation where minerals deposits may build up on the Stainless Steel, it must be operated frequently.

5/ Cannot be used as a inline check valve due to operating method.