

Pressure and Temperature

Nominal Pressure	175PSI
Hydraulic Shell Test Pressure	350PSI

Standard Screens

Size (mm/Inch)	Hole Dia. (mm)	Free Flow Area (%)
65–125 (2-1/2" – 5")	4.3	46.3
150–250 (6" – 10")	6.0	54.5
300 (12")	6.3	57.2

Materials List

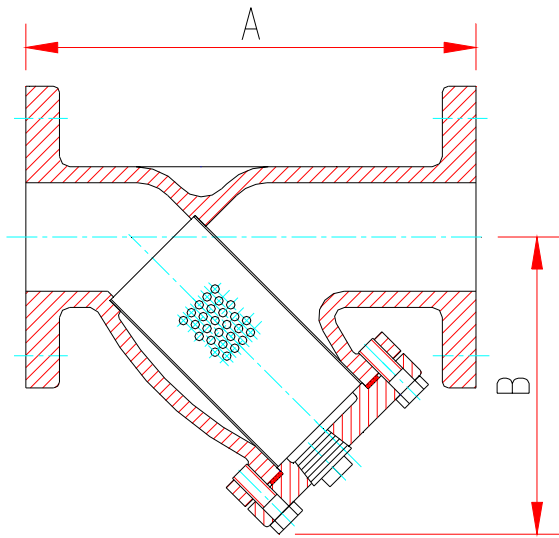
Component	Material
Body	Ductile Iron ASTM A536 Gr. 70-50-05
Cover	Ductile Iron ASTM A536 Gr. 70-50-05
Screen	Stainless Steel AISI 304
Gasket	PTFE/Graphite
Plug	Ductile Iron ASTM A536 Gr. 70-50-05

General Dimensions (mm / Inch)

Size	Pipe O.D.		A		B		Plug Size (NPT Thread)
	mm	Inch	mm	Inch	mm	Inch	
65mm / 2-1/2"	73.0	2-7/8	285.0	11-1/4	215.0	8-1/2	1"
	76.1	3					
80mm / 3"	88.9	3-1/2	318.0	12-1/2	219.0	8-5/8	1"
100mm / 4"	114.3	4-1/2	375.0	14-3/4	254.0	10	1"
125mm / 5"	139.7	5-1/2	448.0	17-5/8	322.0	12-11/16	1-1/4"
	141.3	5-9/16					
150mm / 6"	165.1	6-1/2	502.0	19-3/4	365.0	14-3/8	1-1/2"
	168.3	6-5/8					
200mm / 8"	219.1	8-5/8	640.0	25-3/16	462.0	18-3/16	1-1/2"
250mm / 10"	273.0	10-3/4	710.0	27-15/16	540.0	21-1/4	2"
300mm / 12"	323.9	12-3/4	780.0	30-11/16	610.0	24	2"

Notes:

- Design and dimensions conform to UL.
- Grooved joint dimensions are made in accordance with metric or American standard pipe.



Pressure and Temperature

Nominal Pressure	175PSI
Hydraulic Shell Test Pressure	350PSI

Materials List

Component	Material
Body	Cast Iron ASTM A126 Class B
Cover	Cast Iron ASTM A126 Class B
Screen	Stainless Steel AISI 304
Gasket	PTFE/Graphite
Plug	Ductile Iron ASTM A536 Gr. 65-45-12

Standard Screens

Size (mm/Inch)	Hole Dia. (mm)	Free Flow Area (%)
65–125 (2-1/2" – 5")	4.3	46.3
150–250 (6" – 10")	6.0	54.5
300 (12")	6.3	57.2

General Dimensions (mm / Inch)

Size	A		B		Plug Size (NPT Thread)
	mm	Inch	mm	Inch	
65mm / 2-1/2"	273.0	10-3/4	135.0	5-5/16	1"
80mm / 3"	295.0	11-5/8	215.0	8-1/2	1"
100mm / 4"	352.0	13-7/8	245.0	9-5/8	1"
125mm / 5"	416.0	16-3/8	295.0	11-5/8	1-1/4"
150mm / 6"	470.0	18-1/2	320.0	12-5/8	1-1/2"
200mm / 8"	543.0	21-3/8	415.0	16-3/8	1-1/2"
250mm / 10"	660.0	26	485.0	19-1/8	2"
300mm / 12"	770.0	30-5/16	560.0	22-1/16	2"

Notes:

- Design and dimensions conform to UL.
- Flanged to ANSI B16.1 Class125.
- Other flange drillings available, specify on order.