



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.