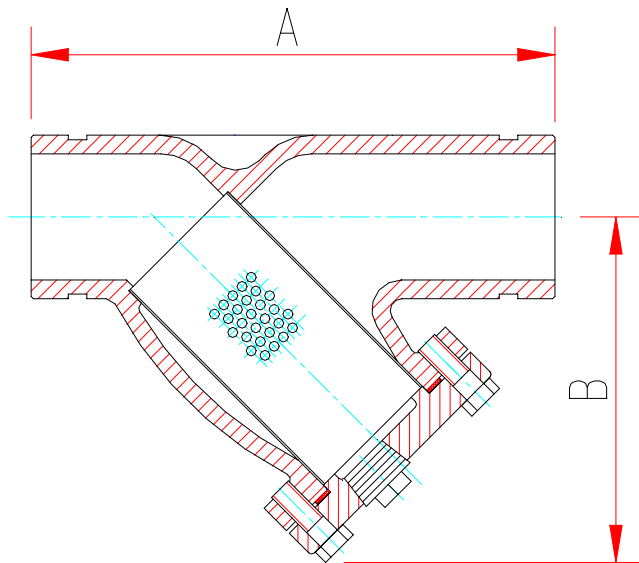


Fig. No.: REL-STRAINER-G

GROOVED END 'Y' STRAINER – 175psi



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.