

DUCTILE IRON

INTRODUCTION

Leader Ductile Iron 'Y' type Strainer offers best solution for separation and segregation for pump protection, flow meter protection, valves protection, regulator protections. In water handling equipments it works to save from damage through sand or any other solid particles.

PRINCIPAL FEATURES

- Designed to manufacturer standard.
- 'Y' Type pattern, Bolted in Cover.
- Body castings made of superior Ductile Iron ASTM A395 grade to ensure additional strength.
- SS (Type 304) Screen Having 1mm Dia Perforation snugly fitted on machined surface to ensure no particle larger than the screen opening can escape around the end of the screen.
- Filtration area approximately 3 time more than flow bore area of the body.
- Body cavity with largest possible filtration area to counter decrease in flow rate caused by clogging.
- Fine finish and smooth contours of flow way reduce the pressure drop.
- Screen is guided both in body and cover.
- Strainer may be installed in vertical lines and horizontal lines with effectiveness.
- Drain plug is provided on the valve to drain out the foreign particles accumulated in the strainer.
- Flanged ends to ASME B16.5 CL-150 (FF).

END CONNECTION

Flanges as per ASME B16.5 CL-150 (FF) Drilled.
Flange drilling as per other standards also available upon request.

UTILISATION & SERVICE

“LEADER” Ductile Iron 'Y' Type Strainer are suitable for above-ground installations.
Best suited for potable water, treated fresh water, neutral liquids & some gases.

WORKING PRESSURE

Maximum Working Pressure: 20 Bar.
See Pressure / Temperature Diagram.

TEMPERATURE LIMITS

Maximum Working temperature: 220°C.
See Pressure / Temperature Diagram.

'Y' TYPE STRAINER



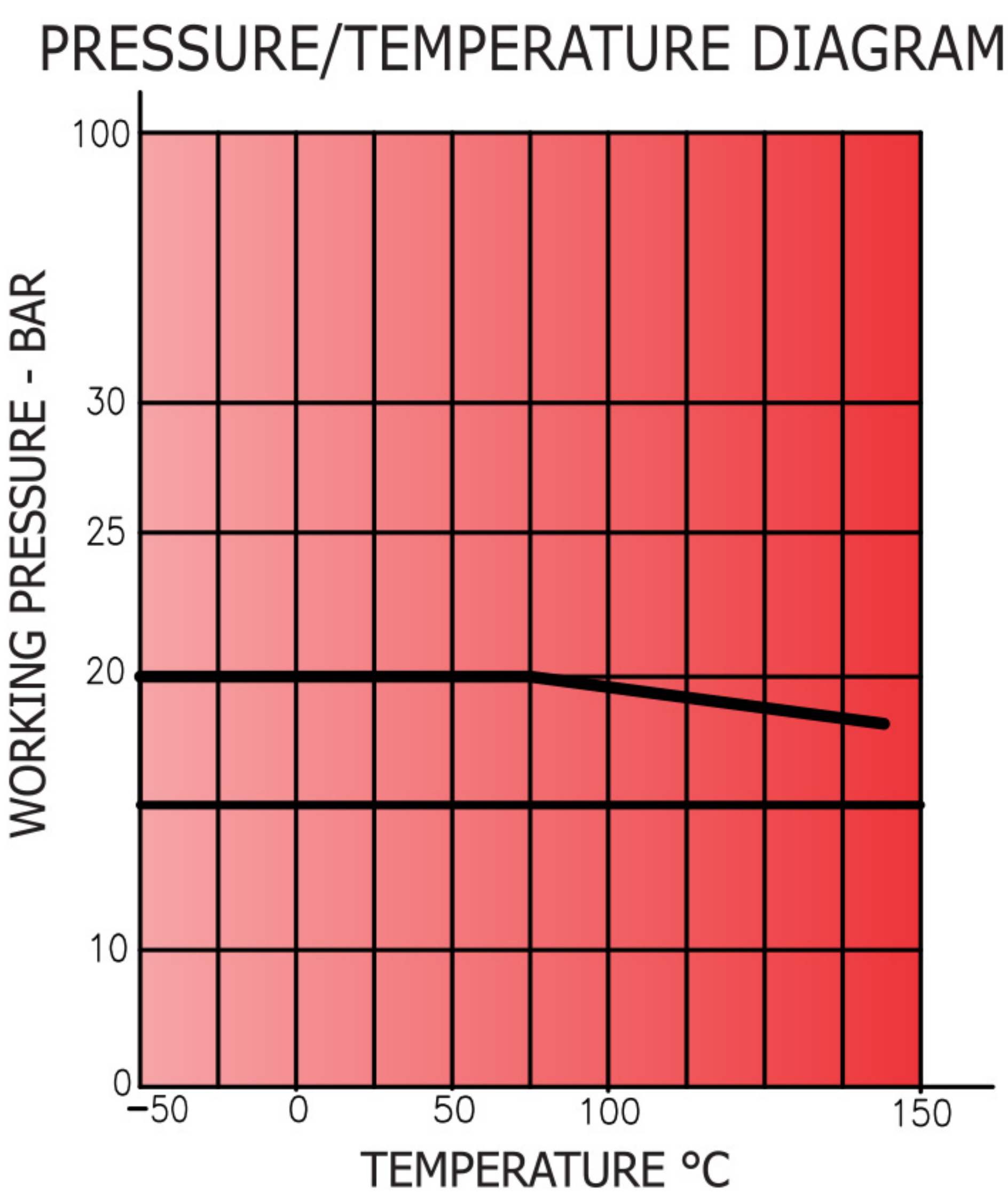
- **Item Code:** DI0076
- **Pressure Rating:** PN-20
- **Testing Standard:** Mfg. Standard
- **Size Range:** 40mm to 300mm
- **Product Standard:** Mfg. Standard

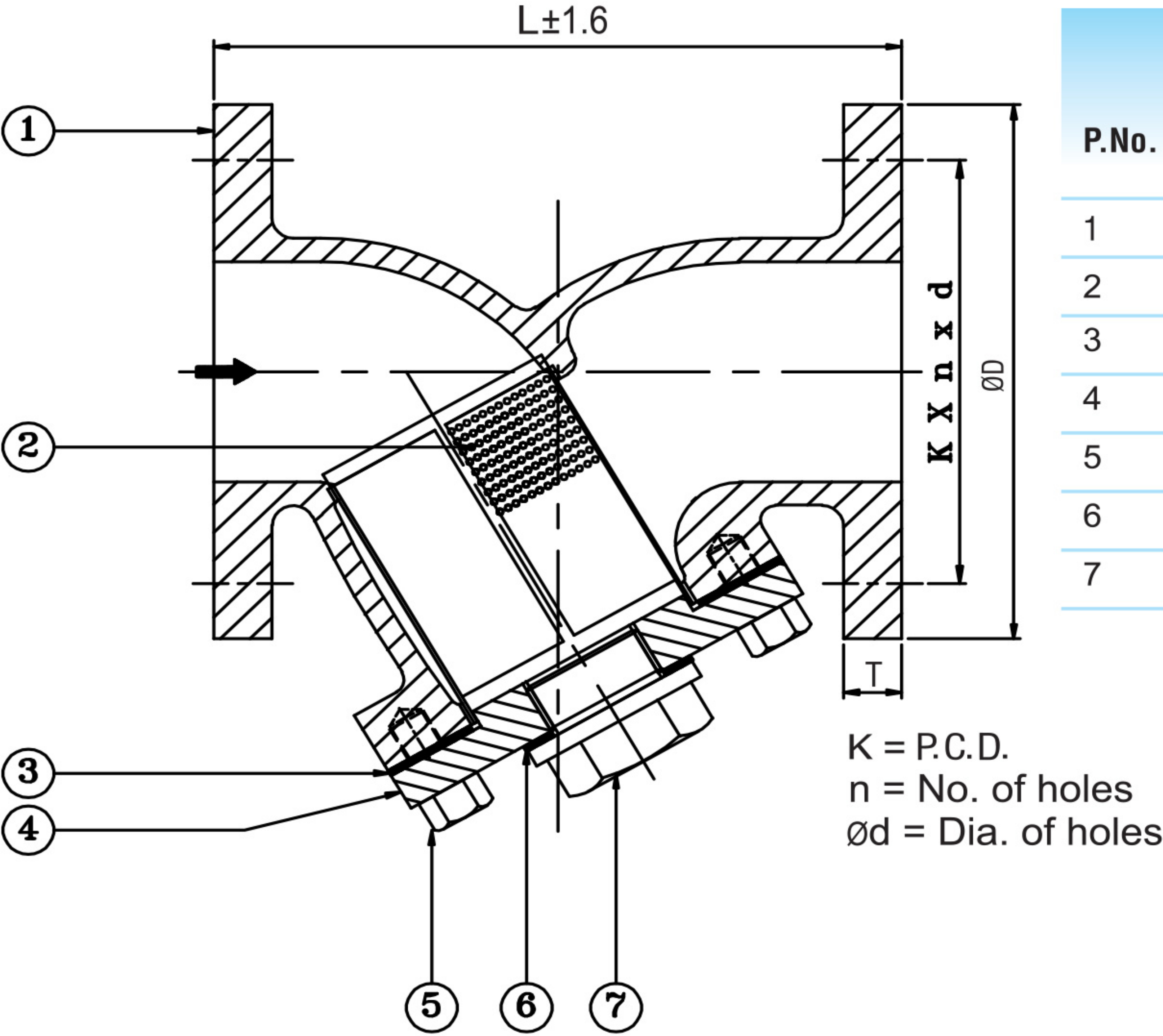
SUITABLE FOR

Water	Oil	Air	Gases	Steam
✓		✓		

TEST PRESSURE (Hydrostatic)

Rating	PN-20
Body (Hyd.)	30 Bar



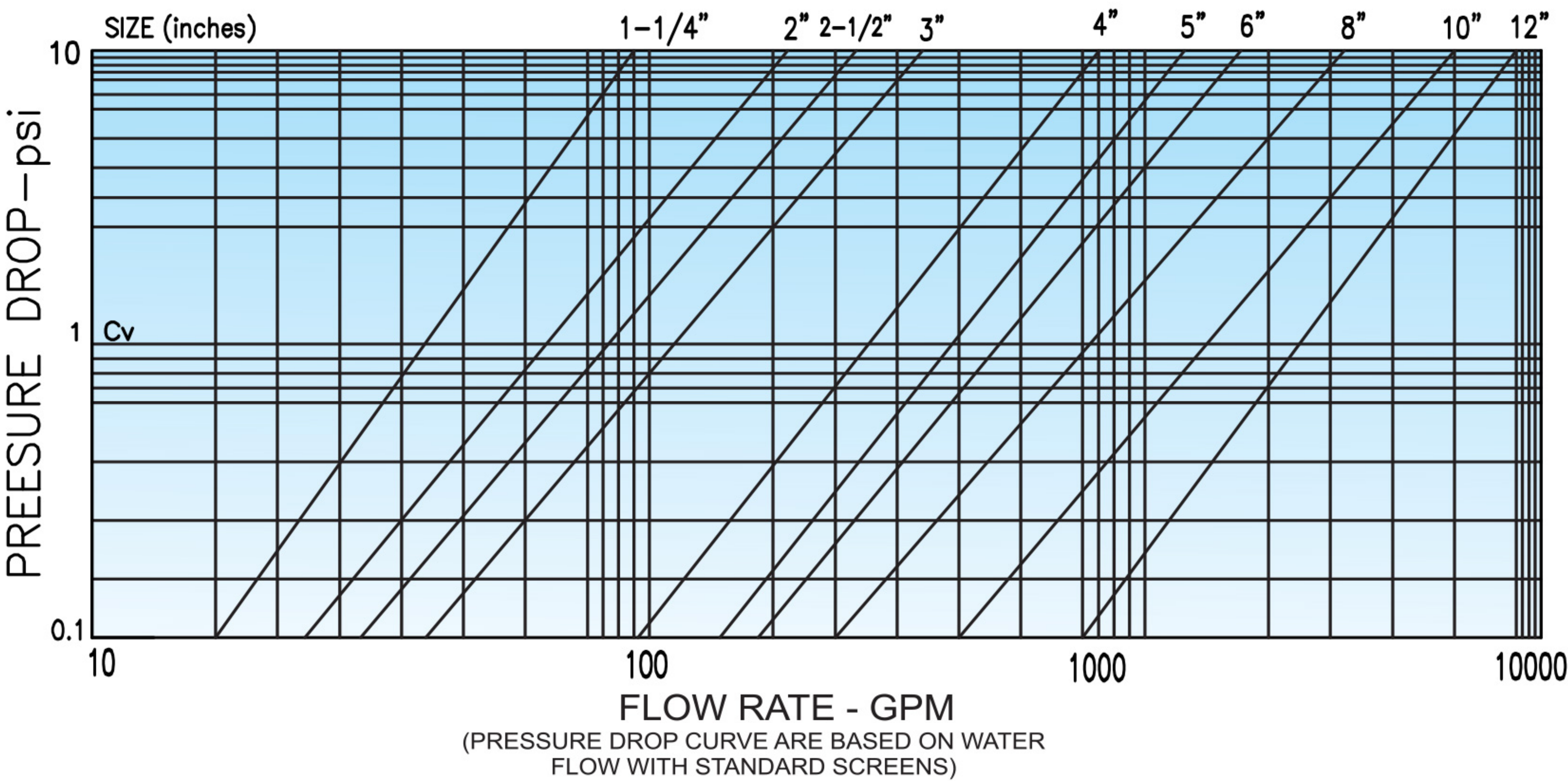


MATERIAL SPECIFICATION

P.No.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	DUCTILE IRON	ASTM A395
2	SCREEN	STAINLESS STEEL	TYPE 304 1MM DIA PERFORATION
3	GASKET	C.N.A.F.	
4	COVER	DUCTILE IRON	ASTM A395
5	BOLTS	CARBON STEEL	BS 916
6	GASKET	C.N.A.F.	
7	DRAIN PLUG	CARBON STEEL	IS 2062

DIMENSIONAL DATA

SIZE (mm)	40	50	65	80	100	125	150	200	250	300
L ±1.6	190	190	200	263	294	360	378	430	510	593
T	14.2	15.7	17.2	19	23.9	24	25.4	28.4	29.9	31.7
ØD	127	152	178	190	229	254	279	343	406	483
K	98.6	120.6	139.7	152.4	190.5	215.9	241.3	298.4	362	431.8
n	4	4	4	4	8	8	8	8	12	12
d	15.8	19.1	19.1	19.1	19.1	22.2	22.2	22.2	25.4	25.4



Note : The above data is subject to change without notice due to our continuing product improvement program.