

# Forged Steel Strainer

Designed to API 602, Tested to API 598, 316 Stainless Steel Screen, 20 Mesh

- LV7790 = NPT
- LV7791 = BSPT
- LV7793 = Socket Weld



### Pressure / Temperature Specifications

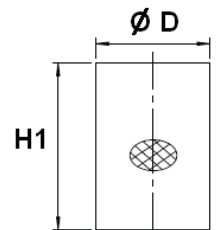
Pressure	Class 800
Temperature	-29°C to 425°C

### Material Specifications

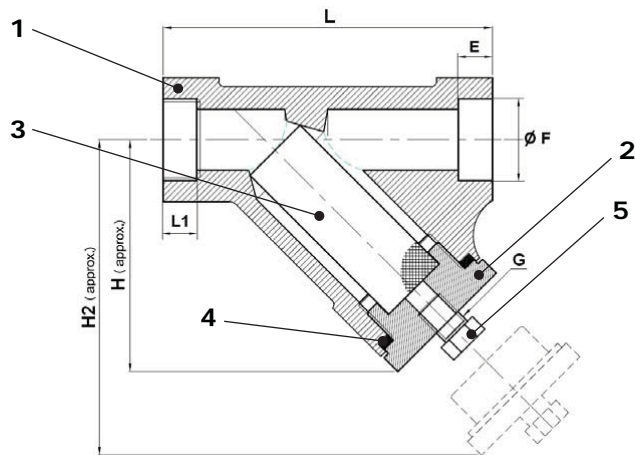
1. Body	ASTM A105N Forged Carbon Steel
2. Bonnet	ASTM A105N Forged Carbon Steel
3. Filter	ASTM A240 316L Stainless Steel
4. Gasket	AISI 316 + Graphite
5. Cap	ASTM A105N Forged Carbon Steel
6. Screw (2" only)	ASTM A193 B7 Steel

### Dimensions

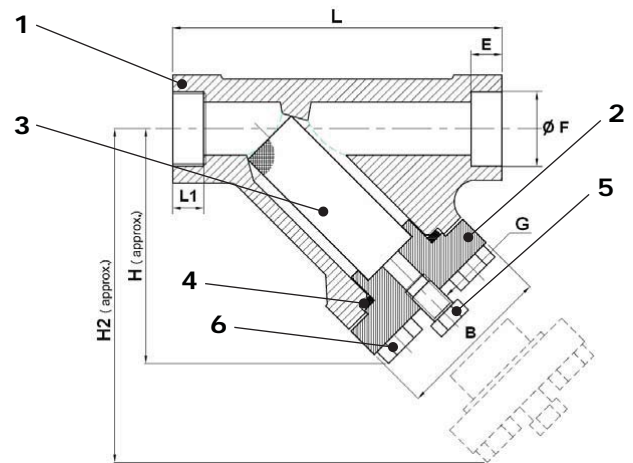
Size	L	H	H2	G (NPT)	B	ØD	H1	L1	E (sw)	ØF (sw)	Kg
½"	90	60	105	¼"	-	18	41	14	10	21.72	0.73
¾"	110	75	140	¼"	-	22	60	16	14	27.05	1.22
1"	130	93	155	¼"	-	28	75	20	14	33.78	1.88
1½"	160	120	195	¼"	-	41.5	100.5	22	14	48.64	4.45
2"	160	145	205	½"	90 x 90	49.5	100.5	26	16	61.11	6.5



½" to 1½"



2"

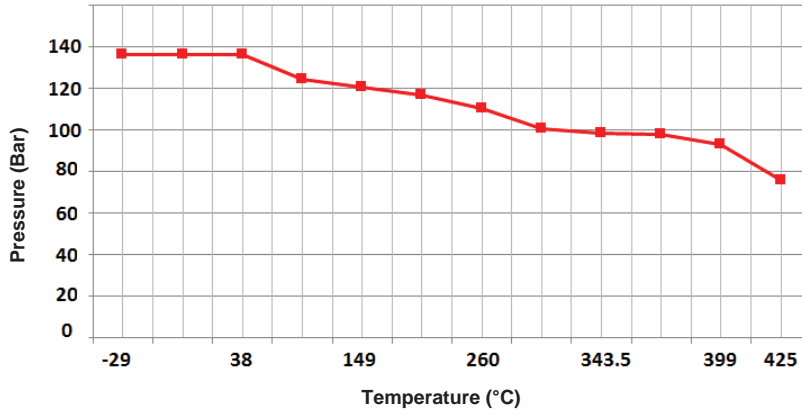


Pressure/Temperature & Headloss Charts on Page 2

# Forged Steel Strainer

LV 7790 NPT / LV 7791 BSPT / LV 7793 Socket Weld

Pressure / Temperature Chart



Pressure / Temperature Relation

Pressure (Bar)	136.2	136.2	136.2	124.1	120.7	116.6	110	100.7	98.6	97.9	92.7	75.9
Temperature (°C)	-29	0	38	93.5	149	204.5	260	315.5	343.5	371	399	425

Headloss Chart

