

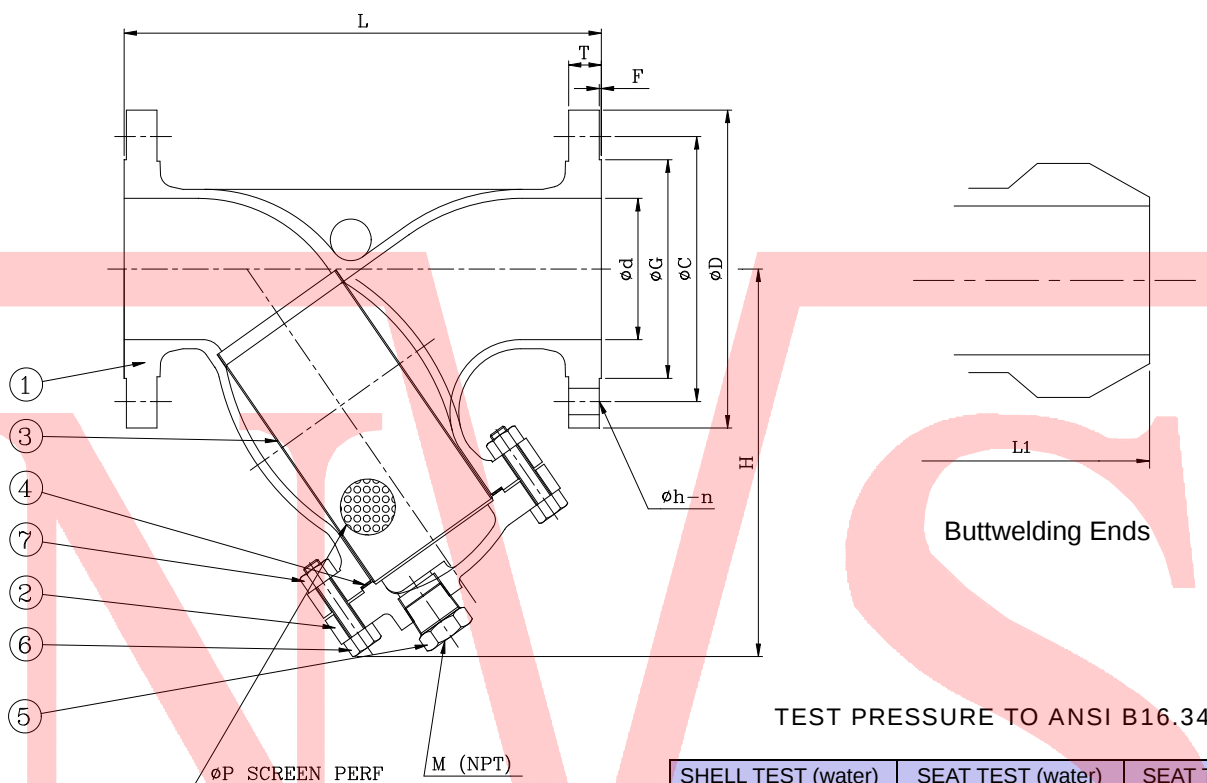
CAST STEEL Y-STRAINER – ANSI CLASS 300

DESIGN DESCRIPTION:

- Y-PATTERN
- BOLTED COVER WITH DRAIN PLUG
- PERFORATED STAINLESS STEEL SCREEN
- FLANGED ENDS
- BUTTWELDING ENDS

APPLICABLE STANDARDS:

- SHELL WALL THICKNESS, ANSI B16.34
- PRESSURE-TEMPERATURE RATING, ANSI B16.34
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25



TEST PRESSURE TO ANSI B16.34

PSIG

SHELL TEST (water)	SEAT TEST (water)	SEAT TEST (air)
1125 (79 kg/cm ²)	—	—

PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		CF8	CF8M	CF3M
1	Body	A351-CF8	A351-CF8M	A351-CF3M
2	Cover	A351-CF8	A351-CF8M	A351-CF3M
3	Screen	A240-304		
4	Gasket	Grafoil+316 Sheet		
5	Plug	A276-304	A276-316	A276-316L
6	Cover Bolt	A193-B8		
7	Cover Bolt Nut	A194-8		

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

DIMENSION TABLE:

DN	NPS	Ø d	L&L1	H	T	F	Ø D	Ø C	Ø G	Ø h	n	M	Ø P	
													Oil	Steam
80	3	76.2	310	230.5	28.5	1.6	209.6	168.1	127.0	22.3	8	3/4	1.2	0.5
100	4	101.6	350	278.6	31.8	1.6	254.0	200.2	157.2	22.3	8	3/4	1.2	0.5
150	6	152.4	480	369.3	36.6	1.6	317.5	269.8	215.9	22.3	12	1	3.2	1.0
200	8	203.2	600	440.2	41.2	1.6	381.0	330.2	269.8	25.4	12	1	3.2	1.0
250	10	254.0	730	530.0	47.8	1.6	444.5	387.4	323.9	28.5	16	1 1/2	3.2	1.0
300	12	304.8	850	650.0	50.8	1.6	520.7	450.9	381.0	31.8	16	1 1/2	3.2	1.0