

Y-TYPE STRAINER (FLANGED END)

SIZES: DN25 TO DN250
CLASS 150 | ND40



FEATURES

- These types of strainers are named after their shape and normally used for coarse filtration but with large filtration area can be used with fine mesh also.
- Body of Y strainer is normally of cast iron or cast carbon steel material grades with RF flanged end.
- Strainer body meets ASME B16.5
- 304 SS or 316SS mesh screens are standard.
- Perforated plate screen are optional.
- Drain/Blow-off connection furnished with plug as standard.
- Generous screen area and proportioned straining chamber to minimize initial pressure drop while maximizing between cleanings.
- Compact end to end dimension.
- Y Strainer Standard through bolted cover design.
- Perforated screens are standard.
- Y Strainers designed to meet the requirements of ASME B31.3 and / or ASME Section VIII, Div. I.
- Y Strainer Drain is standard and is complete with plug.

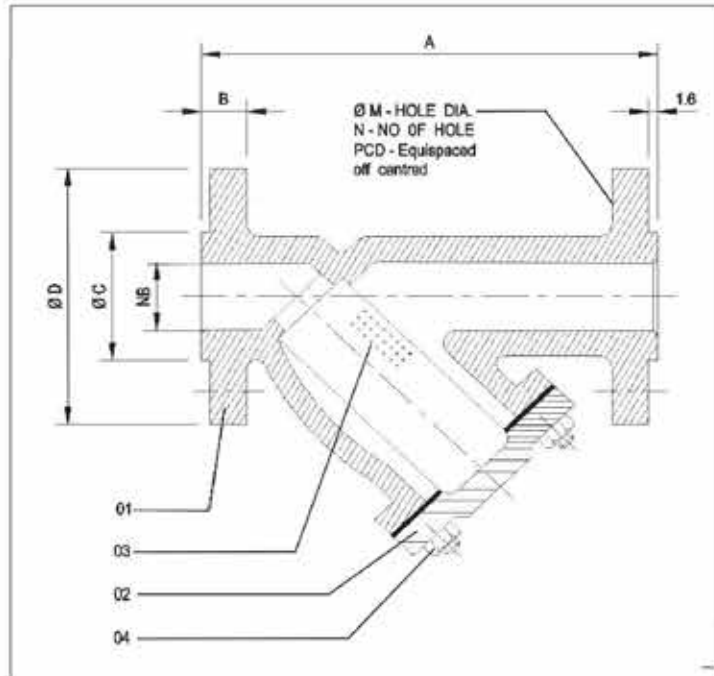
ISO 9001:2015

BUREAU VERITAS
Certification



STANDARDS:

FACE TO FACE : AS PER DIN ND-40 TYPE / ASME B16.10
 END CONNECTIONS : FLANGED AS PER ASME B16.5
 SHELL WALL THICKNESS : ASME B16.34



SL NO	DESCRIPTION	MATERIAL	QTY
1	BODY	ASTM A216 Gr.WCB	1
2	COVER	ASTM A216 Gr.WCB	1
3	SCREEN	SS 304 / SS 316 / GM	1
4	COVER STUD & NUT	ASTM A193 Gr.B7	-----
		ASTM A194 Gr.2H	

SERVICE RATING	
400°C	40 kg/cm ²
	580 PSIG
HYDRAULIC TEST PRESSURE	
BODY	80 kg/cm ²
	1160 PSIG

SIZE		CLASS 150							
in.	mm	NB	A	B	ØC	ØD	ØM	N	PCD
1"	25	25	127	11	51	108	16	4	79.2
1½"	40	38	165	14.2	73	127	16	4	98.5
2"	50	51	203	15.7	92	152	19	4	120.6
2½"	65	64	216	17.5	105	178	19	4	139.7
3"	80	76	241	19	127	190.5	19	4	152.4
4"	100	102	292	24	157	229	19	8	190.5
5"	125	126	356	24	186	254	22	8	215.9
6"	150	152	406	25	216	279	22	8	241.3
8"	200	203	495	28.5	270	343	22	8	298.4
10"	250	254	622	30	324	406	25	12	362

SIZE		ND40							
in.	mm	NB	A	B	ØC	ØD	ØM	N	PCD
1"	25	25	160	18	68	115	14	4	85
1½"	40	38	200	18	88	150	18	4	110
2"	50	51	230	20	102	165	18	4	125
2½"	65	64	290	22	122	185	18	8	145
3"	80	76	310	24	138	200	18	8	160
4"	100	102	350	24	162	235	23	8	190
5"	125	126	400	26	180	270	27	8	220
6"	150	152	480	28	218	300	27	8	250
8"	200	203	600	35	285	375	30	12	320
10"	250	254	730	38	345	450	30	12	385

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

REGISTERED FACTORY AND OFFICE
ROYALTECH VALVES
 #B-492/B, 2ND GATE INDUSTRIAL ESTATE
 GOKUL ROAD, HUBLI-580030
 KARNATAKA, INDIA

FOR ENQUIRY, CONTACT US AT

+91 90198 20791 | 97383 48007

sales.royaltechvalves@gmail.com

FOR FURTHER DETAILS, VISIT OUR WEBSITE

www.royaltechvalves.com