

MAINTENANCE AND USE HANDBOOK

Y STRAINER 10.000/11.000

Main features

Flanged Y pattern strainer, GG25 cast iron steel body and AISI 304 stainless steel screen; with drain plug. Suitable for industrial cold and hot water, neutral media.

Normative compliance

EN 1092 PN16

EN 558-1 serie 1 (ex DIN 3202 F1)

Flange drilling

Face to face dimension

Quality control tests

Hydrostatic test on the body at 24 bar. Each valve is singularly tested.

Working range

Pressure: 0 / 16 bar

Temperature: -10 +120°C

Storing and Installation

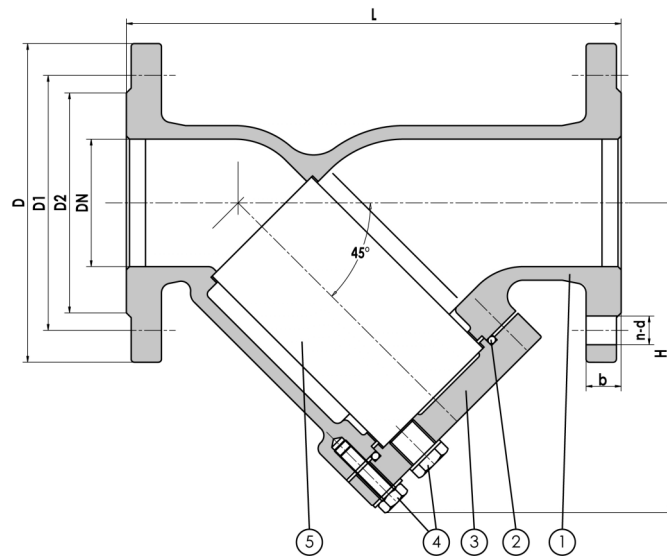
Handle with care

Keep in a dry place

Flanges must not be welded to pipes once the valve has been installed.

Clamping bolts must be cross tightened.

Make sure that the installation is equipped with expansion joints so as to avoid breaking or losses due to pipes tensions, vibrations or shifts.



N°	Den.	Q.ty	Material
1	Body	1	GG25 Cast iron
2	Gasket	1	EPDM
3	Bonnet	1	GG25 Cast iron
4	Plug	1-2*	Steel
5	Strainer	1	AISI 304

*DN 32 ÷ 100 plug n°1
DN 125 ÷ 300 plugs n°2

Plug dimension:
DN 32 ÷ 150 1/2"
DN 200 ÷ 300 3/4"

Dimensioni / Dimension (mm)												
DN	25	32	40	50	65	80	100	125	150	200	250	300
L	160	180	200	230	290	310	350	400	480	600	730	850
H	100	118	128	147	168	195	224	255	300	370	435	502
D	85	100	110	165	185	200	220	250	285	340	405	460
D1	65	75	85	125	145	160	180	210	240	295	355	410
D2	68	78	88	102	122	138	158	188	212	268	320	378
b	16	18	18	18	18	20	20	22	22	24	30	30
n-d	4-14	4-18	4-18	4-18	4-18	8-18	8-18	8-18	8-23	12-23	12-27	12-27
Luca maglia/Mesh width	0,80	0,80	0,80	0,80	0,80	1,20	1,20	1,20	1,20	1,60	1,60	1,60
Ø Filo/Wire	0,60	0,60	0,60	0,60	0,60	0,80	0,80	0,80	0,80	1,00	1,00	1,00
Peso / Weight (kg)												
	4,1	6,2	7,46	10,78	15,3	20,2	26,8	37,1	56,1	90,6	143,7	184,6

Scartamento / Face to face: EN 558-1 serie 1(ex DIN 3202 F1)

Flange / Flange: EN 1092 PN 16

Main features

Threaded Y pattern strainer, AISI 316 stainless steel and screen; with drain plug.
Available with F/F ISO 228/1 parallel pipe threads or BSP thread
Suitable for industrial chemical, food and industrial processing plants.

Normative compliance

UNI ISO 228/1 Threading
BS21 BSP threading

Quality control tests

Hydrostatic test on the body at 80 bar (1200psi)
Each valve is singularly tested

Working range

Pressure: 0 / 40 bar
Temperature: -20°C / +200°C

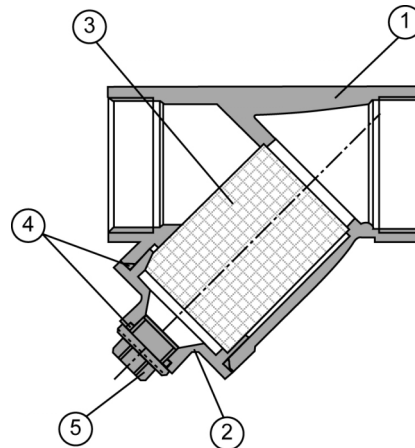
Storing and Installation

Handle with care

Keep in a dry place

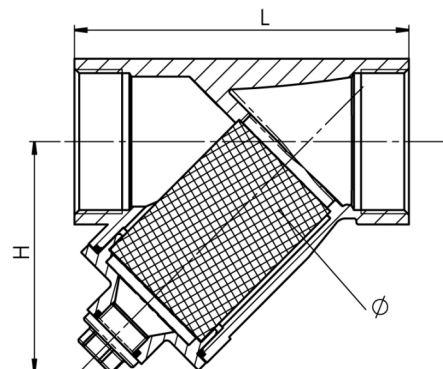
Make sure that the installation is equipped with expansion joints so as to avoid breaking or losses due to pipes tensions, vibrations or shifts.

Materiali / Materials			
N°	Des.	Q.ty	10.000
1	Body	1	AISI 316
2	Bonnet	1	AISI 316
3	Strainer	1	AISI 316
4	Seal	1	PTFE
5	Drain plug	1	AISI 316



Dimensioni / Dimension (mm)								
DN	1/4"	3/8"	1/2"	3/4"	1"	1" 1/4	1" 1/2	2"
L	65	65	65	80	90	105	120	140
H	51	51	51	60	72	77	87	103
Ø	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Peso / Weight (kg)								
	0,25	0,21	0,233	0,36	0,689	0,775	1,216	1,793

Filetti F/F cilindrici UNI ISO 228/1
F/F Threaded UNI ISO 228/1





Y strainer 11.000 series Pressure drop chart

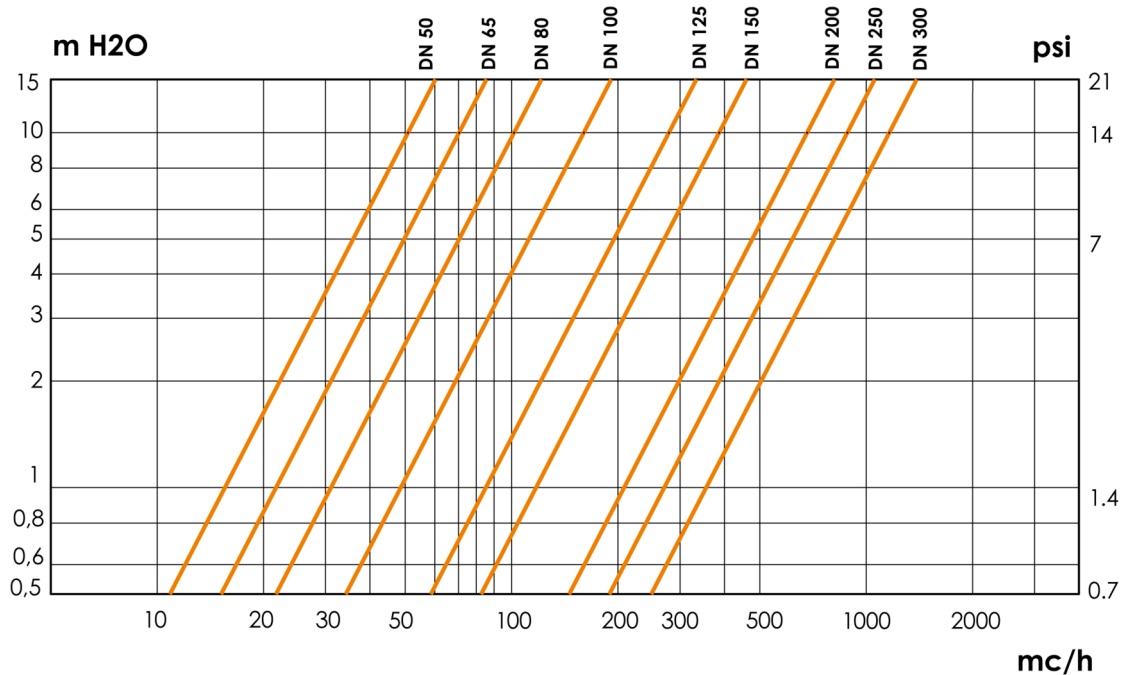
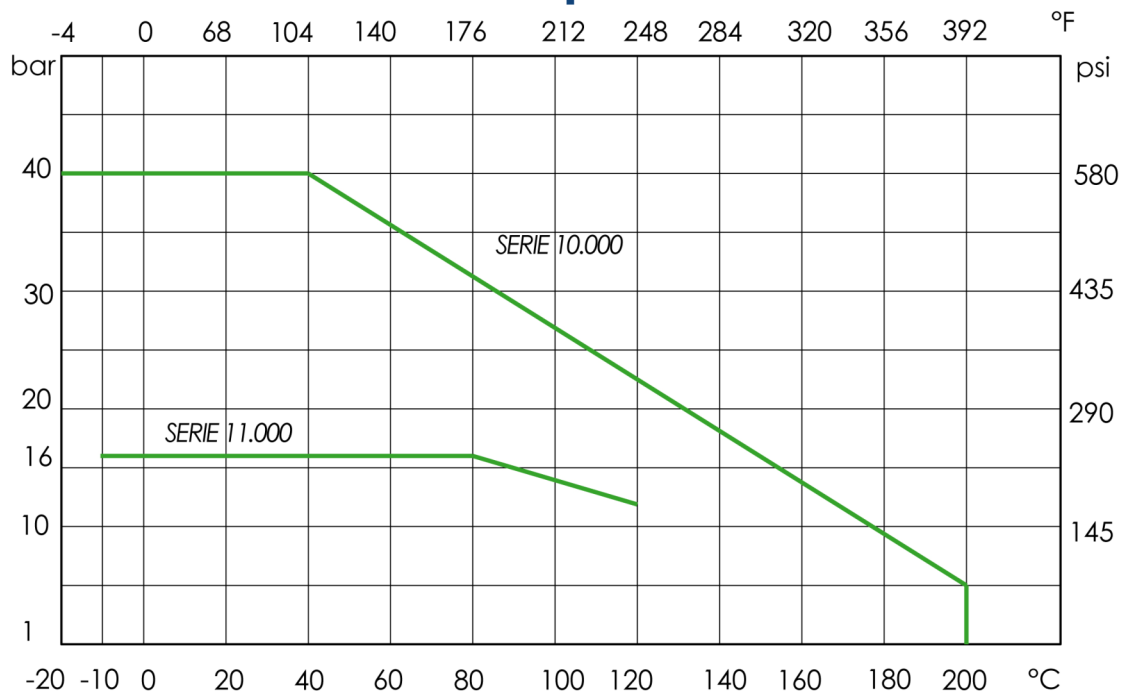


Diagramma perdita di carico. Fluido: acqua
 Loss of head diagram. Fluid: water.
 1m H2O = 0,098 bar

Tabella Kv- DN / Kv - DN Rating		50	65	80	100	125	150	200	250	300
DN	mc/h	51	71	102	160	278	384	682	883	1160

Pressure / temperature chart



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