

6.01

THREADED Y STRAINER

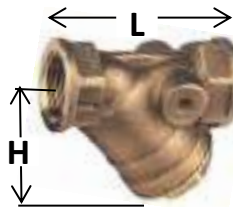

Valvoind

valvole industriali

VALVOIND Srl Via Pascoli, 5 - 24060 Bagnatica (Bergamo) Tel. 035.681919-Fax. 035.684461

FY 101

BRONZE Y THREADED STRAINER - PN10

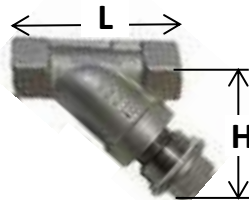


Application : water
 Body : bronze
 screen strainer : stainless steel
 Temp. max. : 120°C
 Press. a 120°C : 10 bar
 End details : gas threaded

code	Ø	L	H
FY10103	3/8"	55	40,0
FY10104	1/2"	59	44,0
FY10105	3/4"	69	50,0
FY10106	1"	82	60,0
FY10107	1¼"	98	73,0
FY10108	1½"	109	80,0
FY10109	2"	131	98,0

FY 105

CAST IRON Y THREADED STRAINER - PN16

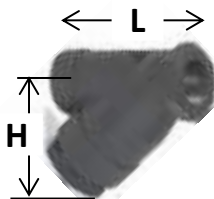


Application : water - steam
 Body : GG25
 screen strainer : stainless steel
 Temp. max. : 220°C
 Press. a 120°C : 16 bar
 End details : gas threaded

code	Ø	L	H
FY...04	1/2"	85	55,0
FY...05	3/4"	100	68,0
FY...06	1"	120	73,0
FY...07	1¼"	140	83,0
FY...08	1½"	160	97,0
FY...09	2"	190	110,0

FY 110

CARBON STEEL Y THREADED STRAINER - PN16



Application : compatible fluids
 Body : carbon steel
 screen strainer : stainless steel
 filtration level : 0,8/0,9 mm

End details : GAS SW NPT BSP
 on request ANSI 150-300-600-900-1500 series

Temp. max. : 400°C
 Press. to 120°C : 40 bar

CODE	END DETAILS
FY 110..	F.F. GAS THREADED
FY111..	F.F. NPT THREADED
FY112..	socket welding SW
FY113..	butt welding BW

code	Ø	L	H
FY...04	1/2"	90	60,0
FY...05	3/4"	110	75,0
FY...06	1"	130	93,0
FY...07	1¼"	180	144,0
FY...08	1½"	180	144,0
FY...09	2"	185	160,0

FY 115

Y CASTED STAINLESS STEEL STRAINER - PN 16



Application : water - steam
 body : AISI 316L
 screen strainer : AISI 316

end details : GAS SW NPT BSP

Temp. max. : 400°C
 Press. to 120°C : 16 bar

CODE	END DETAILS
FY 115..	F.F. GAS THREADED
FY116..	F.F. NPT THREADED
FY117..	socket welding SW
FY118..	butt welding BW

code	Ø	L	H
FY...04	1/2"	60	38,0
FY...05	3/4"	69	42,0
FY...06	1"	85	50,0
FY...07	1¼"	99	55,0
FY...08	1½"	111	59,0
FY...09	2"	137	73,0

FY 900

STAINLESS STEEL TEMPORARY STRAINER - PN 16 INSERTABLE BETWEEN FLANGE



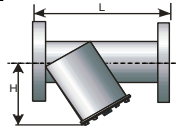
Application : compatible fluids
 body : AISI 304
 filtration level : thickness 0,5mm
 : Ø fori 1,5 mm
 Rating : 150 - 600 RF

code	DN	L	Ø
FY90008	40	60	73,0
FY90009	50	80	92,0
FY90010	65	95	105,0
FY90011	80	120	127,0
FY90012	100	150	157,0
FY90014	150	230	216,0
FY90015	200	300	270,0
FY90016	250	350	324,0
FY90017	300	400	381,0
FY90018	350	450	413,0
FY90019	400	500	470,0

FY 200..

FLANGED CAST IRON Y STRAINER - UNI PN16

CODE	FLUID	BODY	°C .max.	SEAL	SCREEN
FY 201..	WATER	GG 25	110°C	NBR	AISI 304
FY 202..	STEAM	GG 25	250°C	NONE	AISI 304
FY 203..	DIATHERMIC OIL	GGG40.3	350°C	GRAPHITE	AISI 316



FLANGE : UNI PN 16
vent tap included from DN 65



WATER



STEAM



DIATHERMIC OIL

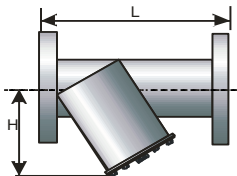
code	DN	L	H	Kv	Kg
FY...04	15	130	75	5,3	3
FY...05	20	150	75	9,5	3
FY...06	25	160	90	16,5	4
FY...07	32	180	90	20,0	6
FY...08	40	200	110	33,0	7
FY...09	50	230	120	54,0	10
FY...10	65	290	140	95,0	14
FY...11	80	310	165	140,0	17
FY...12	100	350	220	201,0	28
FY...13	125	400	260	340,0	37
FY...14	150	480	300	526,0	57
FY...15	200	600	360	870,0	124
FY...16	250	730	470	1.260,0	161
FY...17	300	850	560	1.735,0	189

FY 210

FLANGED CAST IRON Y STRAINER - UNI PN25



Application : water - steam
diathermic oil
Body : GGG 40.3
screen strainer : Stainless steel
Temp.max : 400°C
Press. a 120°C : 40 bar /100 bar
End details : UNI PN 25
vent tap : from DN 65 to 300



code	DN	L	H	Kv	Kg
FY21004	15	130	75	5,3	3
FY21005	20	150	75	9,5	3
FY21006	25	160	90	16,5	4
FY21007	32	180	90	20,0	6
FY21008	40	200	110	33,0	7
FY21009	50	230	120	54,0	10
FY21010	65	290	140	95,0	13
FY21011	80	310	165	140,0	18
FY21012	100	350	220	201,0	29
FY21013	125	400	260	340,0	40
FY21014	150	480	300	526,0	59
FY21015	200	600	360	870,0	128
FY21016	250	730	470	1.260,0	168
FY21017	300	850	560	1.735,0	195

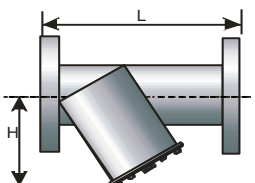
FY 220

FLANGED CARBON STEEL Y STRAINER - from PN40 upto PN100



CODE	PN
FY221	PN 40
FY222	PN 63
FY223	PN100

Application : water - steam
diathermic oil
Body : carboni steel
Screen strainer : Stainless steel
Temp.max : 400°C
Press. to 120°C : 40bar up to 100bar
vent tap : from DN 65 to 300



code	DN	L	H	Kv	Kg
FY...04	15	130	70	6,0	3
FY...05	20	150	75	10,0	4
FY...06	25	160	80	15,0	5
FY...07	32	180	90	24,0	6
FY...08	40	200	100	38,0	8
FY...09	50	230	115	47,0	10
FY...10	65	290	130	87,0	19
FY...11	80	310	145	130,0	23
FY...12	100	350	170	173,0	34
FY...13	125	400	220	315,0	45
FY...14	150	480	290	440,0	65
FY...15	200	600	370	825,0	110
FY...16	250	730	420	1.234,0	118
FY...17	300	850	530	1.740,0	240

6.03

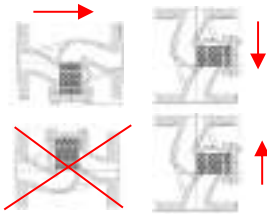
FLANGED Y STRAINER

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FY 300

FLANGED STREAMLINED STRAINER



Application : water - steam - diathermic oil
Body : derivative from streamlined flow valve body in nodular cast iron GGG40.3
Flange : UNI PN 16

std filtration level : see following table
special type : Ø4 mm hole (on request)
screen strainer : AISI 304
vent tap : from DN 40 to 300
Temp.max : 350°C
Press. to 120°C : 16 bar



DN	GGG 40 . 3		GGG 40 . 3		H mm	CARBON STEEL			L	Kv	DN	std filtration level	
	PN 16	Kg	PN 25	Kg		PN 40	Kg	H				Ø fori	Fori/cm ²
15	FY30104	2,30	FY30504	2,30	73	FY31004	3,00	84	130	4,9	15	1	28,9
20	FY30105	3,10	FY30505	3,30	73	FY31005	3,50	88	150	7,8	20	1	28,9
25	FY30106	4,10	FY30506	4,40	78	FY31006	4,50	93	160	10,1	25	1	28,9
32	FY30107	5,5	FY30507	5,90	90	FY31007	6,50	96	180	14,4	32	1,5	18,5
40	FY30108	7,80	FY30508	8,40	105	FY31008	8,40	108	200	22,5	40	1,5	18,5
50	FY30109	9,60	FY30509	10,20	113	FY31009	10,20	120	230	30,7	50	1,5	18,5
65	FY30110	18,00	FY30510	19,80	143	FY31010	19,50	171	290	58,7	65	1,5	18,5
80	FY30111	20,50	FY30511	22,70	150	FY31011	22,00	200	310	78,5	80	1,5	18,5
100	FY30112	26,50	FY30512	31,30	165	FY31012	38,00	215	350	117,0	100	2	9,5
125	FY30113	40,00	FY30513	44,80	185	FY31013	57,00	236	400	195,0	125	2	9,5
150	FY30114	56,00	FY30514	62,50	205	FY31014	74,00	250	480	249,0	150	2	9,5
200	FY30115	99,00	-	-	245	FY31015	123,00	305	600	320,0	200	2	9,5
250	FY30116	167,00	-	-	313	-	-	-	730	785,0	250	2	9,5
300	FY30117	242,00	-	-	355	-	-	-	850	1.059,0	300	2	9,5

FY 400

Y STRAINER - AISI 316

Ends Connections: - flanged in AISI304 according to UNI PN6, PN10, PN16 and with minor thickness (they can be: plane, fixed or swivel) with clamp connections

Tmax amm: 150 °C Tmin amm: -10 °C
 approved according to 2014/68/ue PED directive
 2nd Fluid class - art. 3.3



CODE	END CONNECTIONS
FY 401..	Flanged PN16
FY 402..	socket welding
FY 410..	Flanged PN40

code	DN	L	H	Pmax	Mesh
FY. .04	15	150	82,5	PN 16	36
FY. .05	20	150	84,0	PN 16	36
FY. .06	25	160	83,5	PN 16	36
FY. .07	32	180	96,5	PN 16	36
FY. .08	40	200	106,5	PN 16	36
FY. .09	50	230	139,5	PN 16	36
FY. .10	65	290	160,5	PN 10	36
FY. .11	80	310	186,0	PN 10	36
FY. .12	100	350	219,5	PN 10	36
FY. .13	125	400	240,0	PN 10	36
FY. .14	150	480	297,5	PN 6	36

FILTERING ASTM VALUE

Mesh x cm ²	81	120	320	820	1.025	1.550	2.300	3.160	6.200	8.800	16.500	60.000
Micron	840	590	350	210	177	149	125	105	74	62	44	20
Mesh ASTM	20	30	45	70	80	100	120	140	200	230	325	625
SIEVE DIN	9	11	18	28	32	40	48	56	78	64	128	245

FY 100

MANUAL SELF CLEANING STRAINERS



Application : water
Body : OT 58 brass
screen strainer : AISI 316 stainless steel
filtering cartridge : 300µ
brass impurity accumulation cup up to 90°C
end connections : gas threaded

codice	DN	L	H
FY10004	1/2"	96	291
FY10005	3/4"	96	286
FY10006	1"	125	315
FY10007	1¼"	122	314
FY10008	1½"	146	378
FY10009	2"	145	,79,5

FY 050

SEMI-AUTOMATIC SELF CLEANING STRAINERS



Self-cleaning water strainer with removable filtering cartridge. Complete with dial pressure gauge and discharge ball valve with hose connection
 PN16 Nickel plated brass body
 AISI304 stretched mesh filter. NBR seals
 - Max operating pressure 1600 kPa
 - Max operating temperature 100 °C
 - Standard filtering 100µm (check area in cm² in the last column)

FY050..	gas threaded
FY051..	PN 16 flanged

codice	DN	Kv	cm ²
FY...04	1/2"	3,10	52
FY...05	3/4"	5,80	68
FY...06	1"	8,55	68
FY...07	1¼"	14,85	129
FY...08	1½"	24,40	173
FY...09	2"	26,10	173
FY...10	2½"	107,80	765
FY...11	3"	120,20	765
FY...12	4"	129,00	765

FY 060

INDUSTRIAL SELF CLEANING STRAINERS WITH PROGRAMMER



Filtration takes place through a stainless steel mesh with a standard 100 micron filtration degree (200 and 500 micron on request). The filter mesh is washed by inversion of flow (backwashing) using the use of a TURBOCLEAN impeller which, through calibrated holes, run over the entire surface of the filtering mesh with energetic spray, conveying the impurities retained to the drain.

codice	DN	Q mc/h	L mm
FY06010	65	38	252
FY06011	80	44	252
FY06012	100	46	252

this filter can be installed before or after the pump
 PN16 flange end connection

washing time	60 sec.	protection degree	IP 32
water consumption backwashing	15 L	power supply	230V 50Hz
discharged connection	DN 50	power consumption	18 W

FY 020

THREADED NETWORK STRAINER



STRAINER from 10"			
CODE	Ø	P max	L X H
FY03005	3/4"	15 bar	13x32
FY03006	1"	15 bar	13x32
FY03008	1½"	16 bar	15x31
FY03009	2"	16 bar	15x31

FILTERING CARTRIDGE from 10"		
CODE	TYPE	µ
FY03102	washable net PP	90 µ
FY03103	washable net inox	90 µ
FY03104	Wound cotton	20 µ
FY03106	activated charcoal filter	

INDUSTRIAL FILTERS

HYDROCYCLONES

HOUSING WITH STRAINER

GRAVEL FILTER

