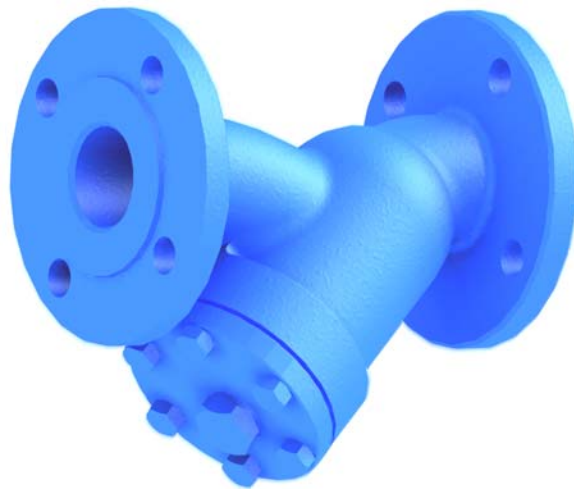




FLANGED “Y” TYPE STRAINER



Flanged “Y” type Strainer

DN ½”-8” Class 150#, 300# & 600#
Carbon Steel and Stainless Steel

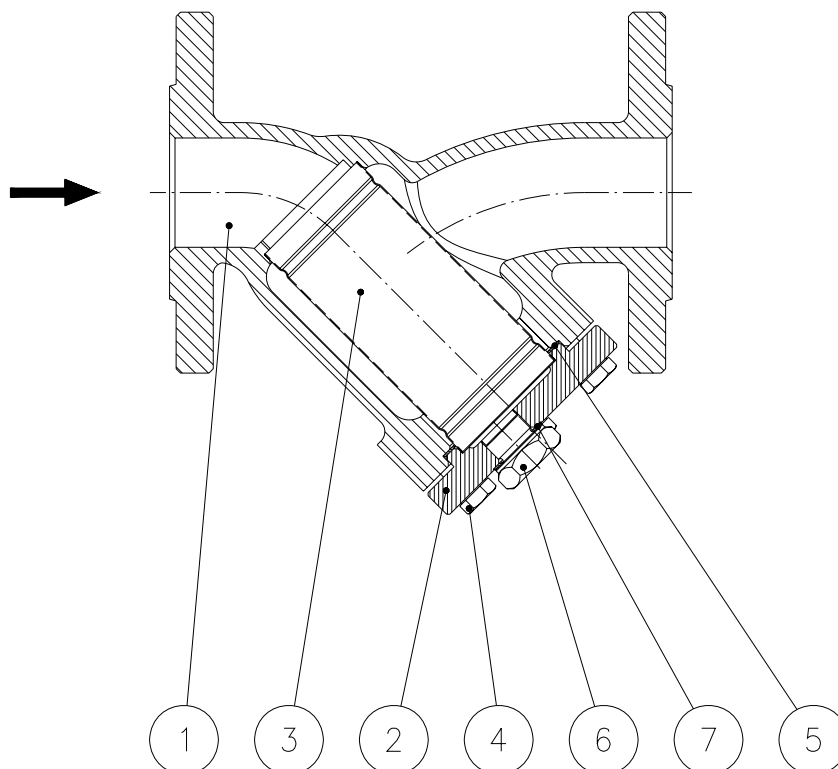
Carbon Steel: Fig. S1315, S1330 & S1360
Stainless Steel: Fig. S1415, S1430 & S1460



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JC[®] FLANGED "Y" TYPE STRAINER



AJ STRAINER			
Item	Description	Carbon Steel	Stainless Steel
		1	Body
2	Cap	A 216 WCB	A 351 CF8M
3	Strainer Screen	A 240 TYPE 304	A 240 TYPE 316
4	Body Bolt	A 193 B7M	A 193 B8M
5	Cap Gasket	Graphite	
6	Drain Plug	Carbon Steel	A 182 F 316
7	Drain Plug Gasket	Synthetic fiber	

(*) Other materials under request.

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JC[®] FLANGED "Y" TYPE STRAINER

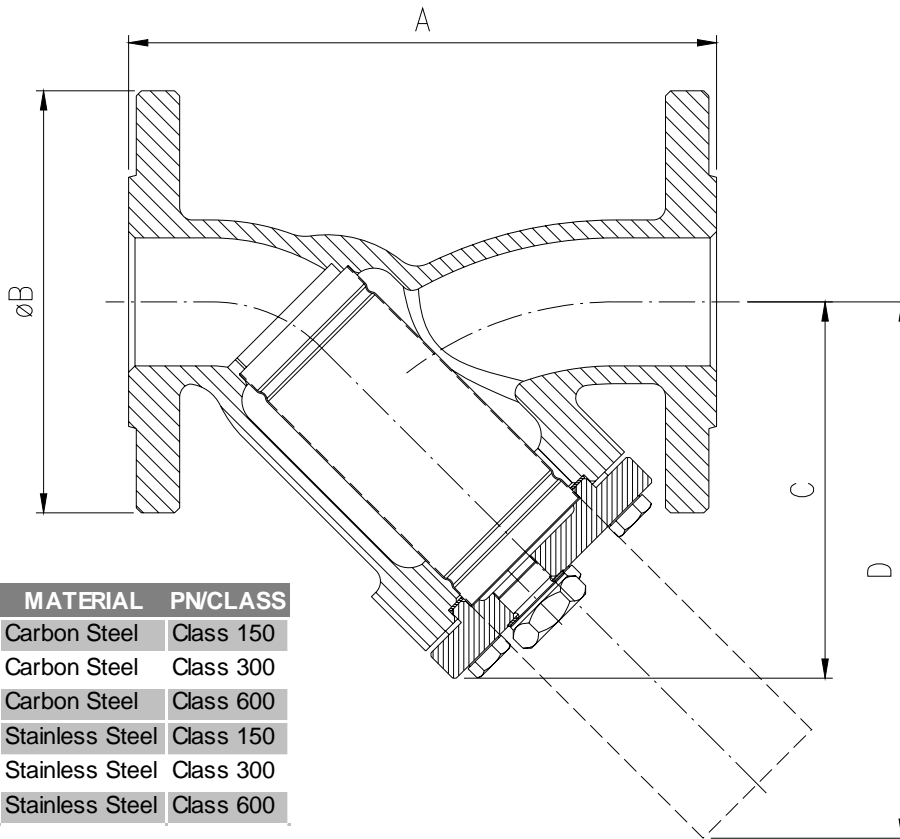


FIG	MATERIAL	PN/CLASS
CS1315	Carbon Steel	Class 150
CS1330	Carbon Steel	Class 300
CS1360	Carbon Steel	Class 600
CS1415	Stainless Steel	Class 150
CS1430	Stainless Steel	Class 300
CS1460	Stainless Steel	Class 600

General dimensions & Weight

DN	A			C	D	CS1315		CS1330		CS1360		CS1415		CS1430		CS1460	
	150#	300#	600#			øB	WEIGHT	øB	WEIGHT	øB	WEIGHT	øB	WEIGHT	øB	WEIGHT	øB	WEIGHT
½"	108	152	165	74	105	90	3,5	95	4,0	95	4,5	90	3,5	95	4,0	95	4,5
¾"	117	178	190	86	122	100	4,0	115	5,0	115	5,5	100	4,0	115	5,0	115	5,5
1"	127	203	216	93	136	110	4,7	125	6,5	125	7,0	110	4,7	125	6,5	125	7,0
1¼"	140	216	229	115	161	115	9,5	135	12,0	135	13,0	115	9,5	135	12,0	135	13,0
1½"	165	229	241	128	177	125	11,0	155	17,0	155	18,0	125	11,0	155	17,0	155	18,0
2"	203	267	292	147	210	150	14,0	165	21,0	165	23,0	150	14,0	165	21,0	165	23,0
2½"	216	292	330	181	252	180	23,0	190	33,0	190	35,0	180	23,0	190	33,0	190	35,0
3"	241	318	356	197	268	190	25,0	210	41,0	210	45,0	190	25,0	210	41,0	210	45,0
4"	292	356	432	219	303	230	40,0	255	57,0	275	59,0	230	40,0	255	57,0	275	59,0
5"	356	400	508	261	371	255	69,0	280	103,0	330	106,0	255	69,0	280	103,0	330	106,0
6"	406	444	559	348	512	280	83,0	320	131,0	355	133,0	280	83,0	320	131,0	355	133,0
8"	495	559	660	416	625	345	158,0	380	206,0	420	209,0	345	158,0	380	206,0	420	209,0

(*) Dimensions in inches and weight in kg.
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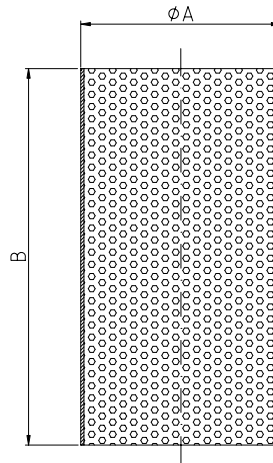
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JC[®] FLANGED "Y" TYPE STRAINER

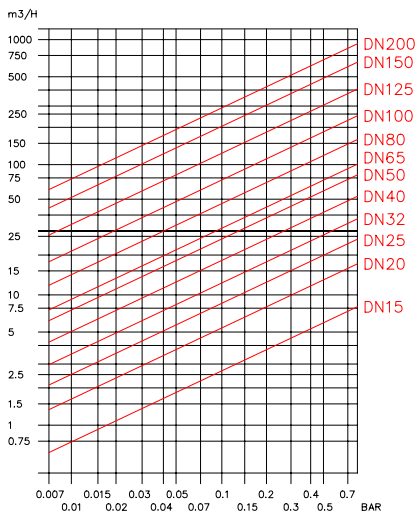
GENERAL CHARACTERISTICS	Fig., CS1315, CS1415 & CS1430		
DESIGN STANDARDS			
Valves design	ANSI B 16,34		
Face to Face Dimensions	ANSI B-16,10		
Flanged Dimensions	ANSI B 16,5		
Visual Inspection	MSS SP- 55		
Marking	MSS SP- 25 & ISO 5209		
TESTS AND CERTIFICATES			
Pressure testing	API 598 & ISO 5208		

Strainer Screen Dimensions:

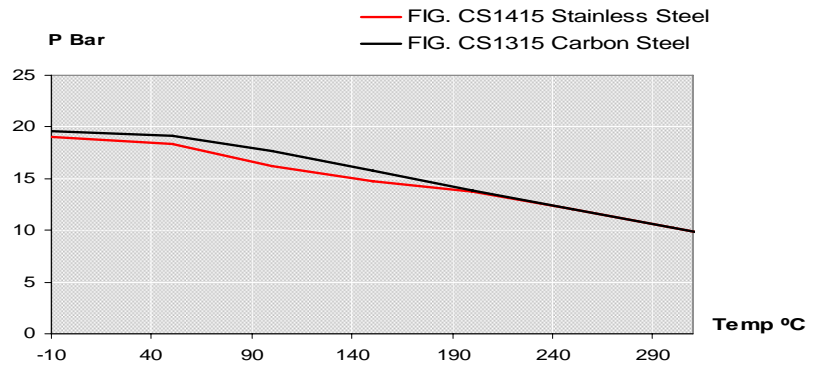
DN	øA	B	Perforation	Area
½"	25	55	ø1	1: 6,05
¾"	30	64	ø1	1: 4,70
1"	35	73	ø1	1: 3,97
1¼"	40	96	ø1	1: 3,58
1½"	50	100	ø1	1: 2,98
2"	60	125	ø1	1: 2,83
2½"	68	142	ø1,5	1: 2,13
3"	83	152	ø1,5	1: 1,83
4"	94	172	ø1,5	1: 1,50
5"	120	222	ø1,5	1: 1,56
6"	155	300	ø1,5	1: 1,89
8"	206	370	ø1,5	1: 1,74



Pressure Drop



Pressure-Temperature



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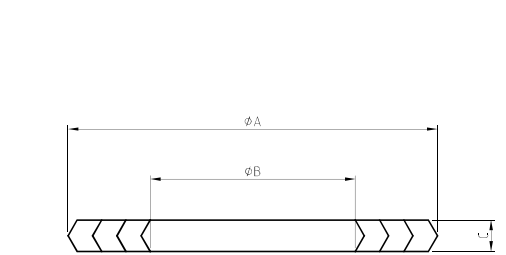
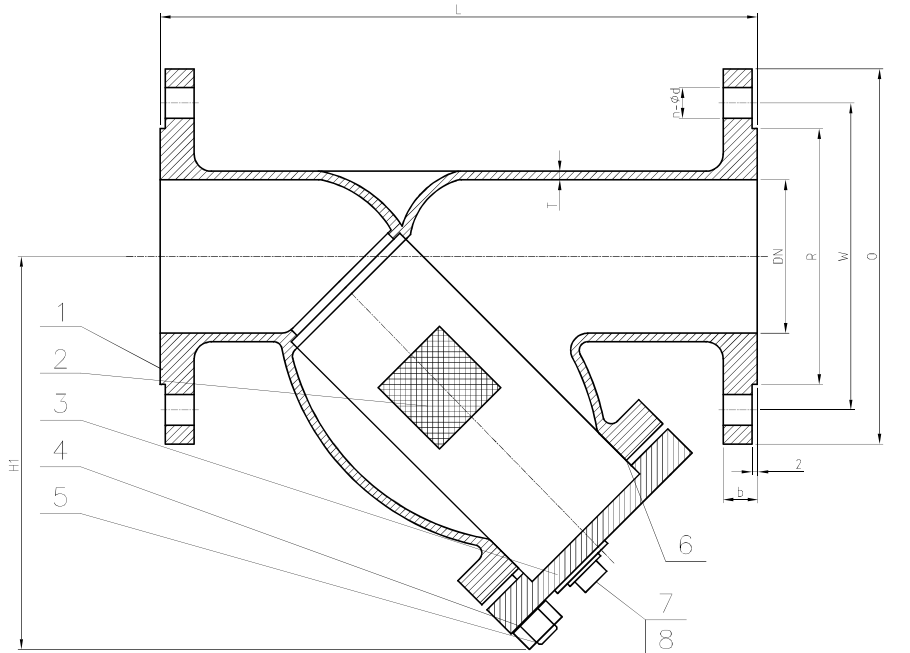
GGCS0811

DN	O	W	R	b	n-φd	L	H1	T	D	H	A	B	C
2"	152	120.5	92	16	4-φ19	203	160	5.5	55	130	80	60	3
2-1/2"	178	139.5	105	18	4-φ19	216	170	5.8	68	130	85	70	3
3"	190	152.5	127	19	4-φ19	241	190	6.1	83	145	100	85	3
4"	230	190.5	157	24	8-φ19	292	230	6.5	105	180	130	112	3
6"	279	241.5	216	26	8-φ22	406	325	7.1	155	240	180	160	3
8"	343	298.5	270	29	8-φ22	495	390	8.0	205	290	230	210	3

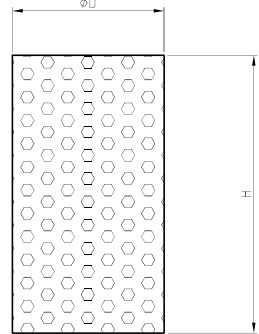
DRAIN	QTY
PLUG 1/2"	2
PLUG 1/2"	2
PLUG 1/2"	2
PLUG 1/2"	2
PLUG 3/4"	2
PLUG 3/4"	1

REFERENCE STANDARD	
MFG. STD.	ASME B16.34
FACE TO FACE	Manufactory STD
FLANGE DETAIL	ASME B16.5
INSP. & TEST.	API 598

1



GASKET



SCREEN

Performance Specification			
Test Pressure	Nominal Pressure	2.0	MPa
	Intensity test	3.0	
	Back seal test	\	
	Seal test	\	
	Gas test	\	
Working Temperature		4.25	°C
Medium: water oil & gas			

POS.	QUAN.	DENOMINATION	MATERIAL	DRAWING N°.
8	1	GASKET	304+GRAPHITE	
7	1	PLUG	ASTM A105	
6	1	GASKET	304+GRAPHITE	
5	--	NUT	ASTM A194 2H	
4	--	BOLT	ASTM A193 B7	
3	1	BONNET	ASTM A216 WCB	
2	1	SCREEN	AISI 304	mesh60
1	1	BODY	ASTM A216 WCB	

1	UPDATE	08.02.2017	JET	
0	First issue	17-09-2015	JASON	
Rev.	Modification	Date	Nam.	Approv.

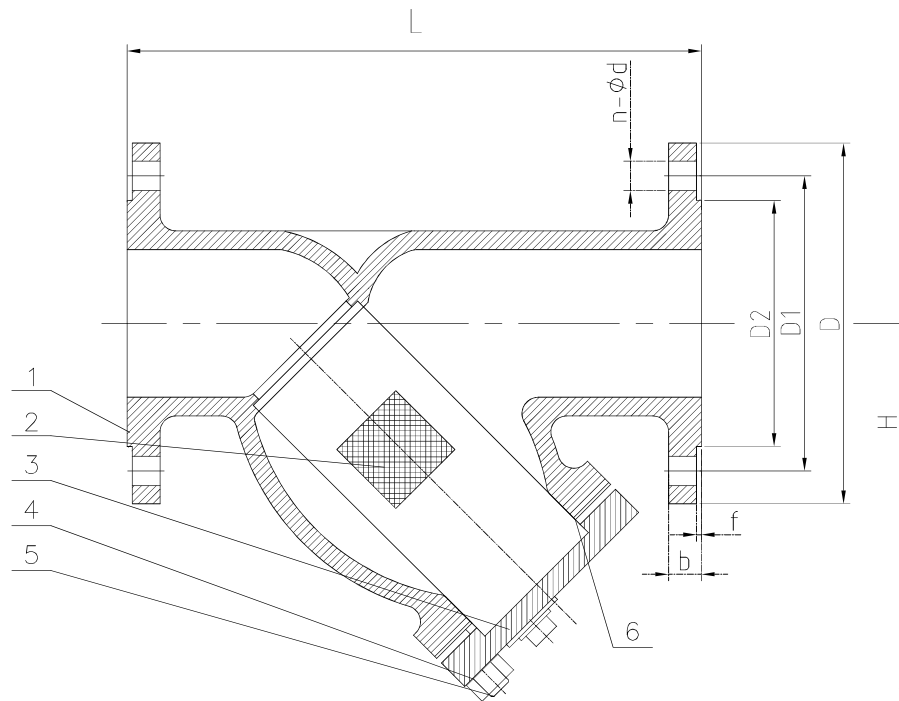
Dimensions	Drawn	27-05-2011	JASON		JC Fábrica de válvulas, s.a. 08830 Sant Boi de Llobregat (Spain) Tel. + (34) 936 54 86 94 // Fax + (34) 936 54 86 95 e.mail: technical@jc-valves.com
mm.	Checked	27-05-2011	J.H		
Weight:	Appr. Eng.				
Substitutes:	Scale:	GENERAL ASSEMBLY DRAWING			Ref.:
Substitutes by:	---	STRAINER DN-2"-8" CLASS 150LB RF			CA2017-0117-1515
		Y TYPE			Drawing n°:
					GGCS0811 1

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CLASS	in	L	H	D	D1	D2	n-∅d	b	f
150lb	10"	533	410	405	362	323.8	12-∅25	30.6	1.6
	12"	610	440	485	431.8	381	12-∅25	32.2	1.6

REFERENCE STANDARD	
MFG. STD.	ANSI B16.34
FACE TO FACE	ASME B16.10
FLANGE DETAIL	ASME B16.5
INSP. & TEST.	API 598

TEST PRESSURE Kg/Cm ² (g)		
HYDROSTATIC		AIR
BODY	SEAT & BACKSEAT	SEAT
31	22	-



6	--	Gasket	Graphite+304	
5	--	Bonnet Nut	ASTM A194 2H	
4	--	Body bolt	ASTM A193 B7	
3	--	Bonnet	ASTM A105	
2	--	Screen	SS316	mesh 60
1	--	Body	ASTM A216 WCB	

POS.	QUAN.	DENOMINATION	MATERIAL	DRAWING N°.		
0		FIRST ISSUE		22.06.2017	JET	

Rev.	Modification	Date	Nam.	Approv.
0	FIRST ISSUE	22.06.2017	JET	

Dimensions	Drawn	22.06.2017	JET	 JC Fábrica de válvulas, s.a. 08830 Sant Boi de Llobregat (Spain) Tel. + (34) 936 54 86 94 // Fax + (34) 936 54 86 95 e.mail: technical@jc-valves.com
mm.	Checked	22.06.2017	PAOLO	
Weight:	Appr. Eng.			
Substitutes:	Scale:	GENERAL ASSEMBLY DRAWING STRAINER VALVE DN 10" & 12" CLASS 150 RF Y-TYPE		
Substitutes by:	---	Ref.: Y-strainer drawing DN250 and DN300 Drawing n°.: ST-150LB		

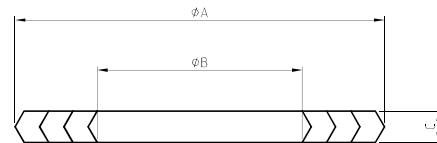
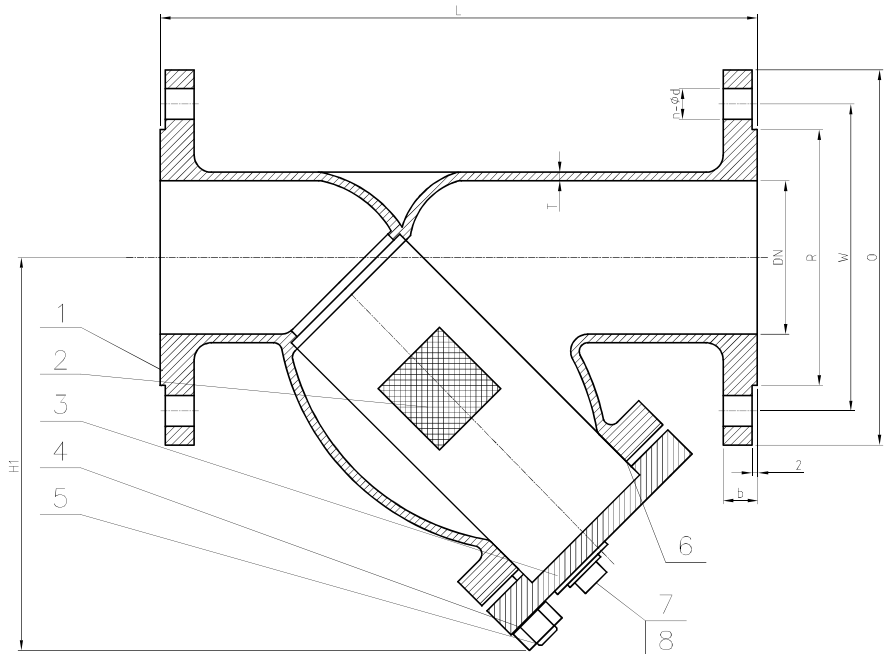
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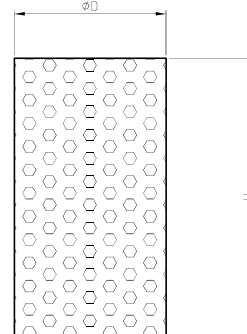
DN	O	W	R	b	n-φd	L	H1	T	D	H	A	B	C	DRAIN	QTY
2"	165	127	92	23	8-φ19	267	160	6.3	55	120	80	60	3	PLUG 1/2"	2
2-1/2"	190	149	105	26	8-φ22	292	180	6.8	65	130	85	70	3	PLUG 1/2"	2
3"	210	168.5	127	29	8-φ22	318	210	7.2	85	150	105	90	3	PLUG 1/2"	2
4"	254	200	157	32	8-φ22	356	245	7.8	110	175	130	112	3	PLUG 1/2"	2
6"	318	270	216	37	12-φ22	444	345	9.3	155	230	180	160	3	PLUG 3/4"	2
8"	381	330	270	42	12-φ25	559	410	11	205	280	230	210	3	PLUG 3/4"	2
10"	445	387.5	324	48	16-φ29	622	445	12.7	240	345	265	245	3	PLUG 1"	2
12"	521	451	381	51	16-φ32	711	470	14	290	410	315	295	3	PLUG 1"	1

REFERENCE STANDARD	
MFG. STD.	ASME B16.34
FACE TO FACE	Manufactory STD
FLANGE DETAIL	ASME B16.5
INSP. & TEST.	API 598

Performance Specification			
Test Pressure	Nominal Pressure	5.0	MPa
	Intensity test	7.5	
	Back seal test	\	
	Seal test	\	
	Gas test	\	
Working Temperature		4.25	°C
Medium: water oil & gas			



GASKET



SCREEN

POS.	QUAN.	DENOMINATION	MATERIAL	DRAWING N°.
8	1	GASKET	304+GRAPHITE	
7	1	PLUG	ASTM A105	
6	1	GASKET	304+GRAPHITE	
5	--	NUT	ASTM A194 2H	
4	--	BOLT	ASTM A193 B7	
3	1	BONNET	ASTM A216 WCB	
2	1	SCREEN	AISI 304	mesh60
1	1	BODY	ASTM A216 WCB	

0	First issue		17-09-2015	JASON	
Rev.	Modification	Date	Nam.	Approv.	

Dimensions	Drawn	27-05-2011	JASON		JC Fábrica de válvulas, s.a. 08830 Sant Boi de Llobregat (Spain) Tel. + (34) 936 54 86 94 // Fax + (34) 936 54 86 95 e.mail: technical@jc-valves.com
mm.	Checked	27-05-2011	J.H.		
Weight:	Appr. Eng.				
Substitutes:	Scale:	GENERAL ASSEMBLY DRAWING			Ref.: CA2017-0117-1515
Substitutes by:	---	STRAINER DN-2"~12" CLASS 300LB RF			Drawing n°.: GGCS0811
		Y TYPE			0

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