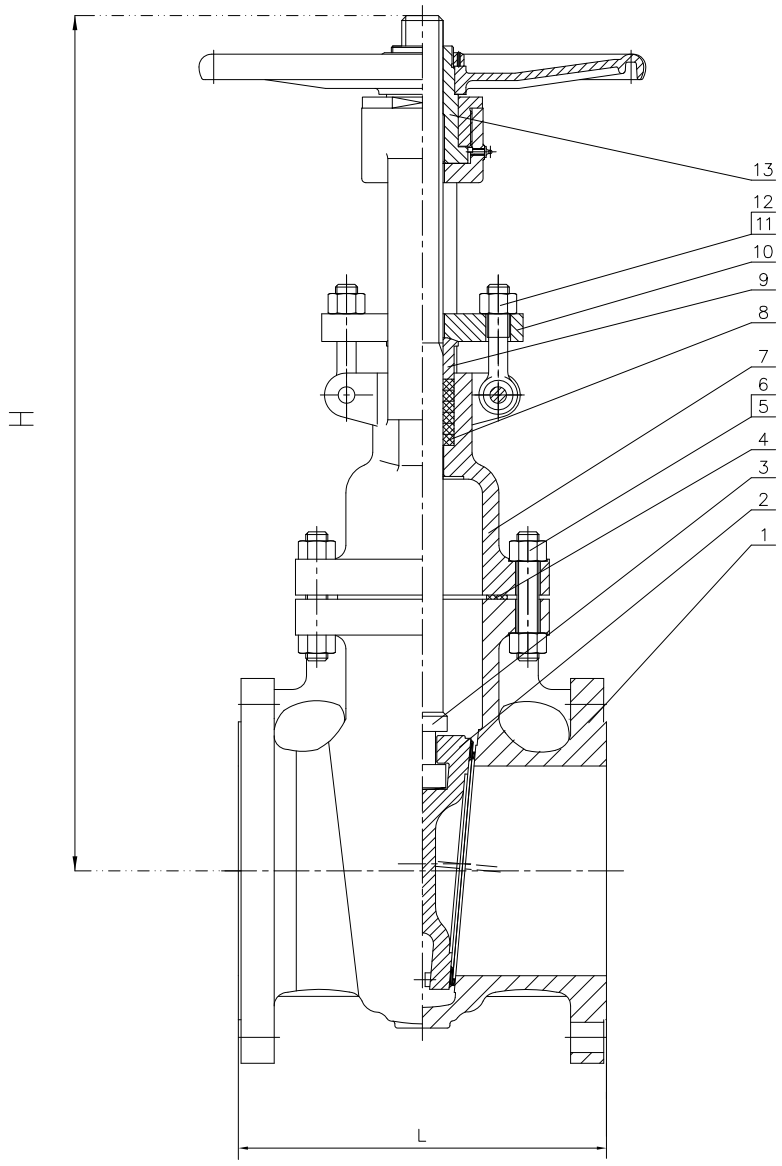


Technical Requirements:

1. Design & Manufacture to: API603/ANSI B16.34
2. Press/Temp to ANSI B16.34
3. Face to face to ANSI B16.10
4. Flange Dimensions to ASME B16.5
5. Test & Inspection to API 598/ISO 5208
6. NACE MR-01-75 (Latest Revision)
7. Conform to Pressure Equipment Directive 2014/68/EU

CE 1521

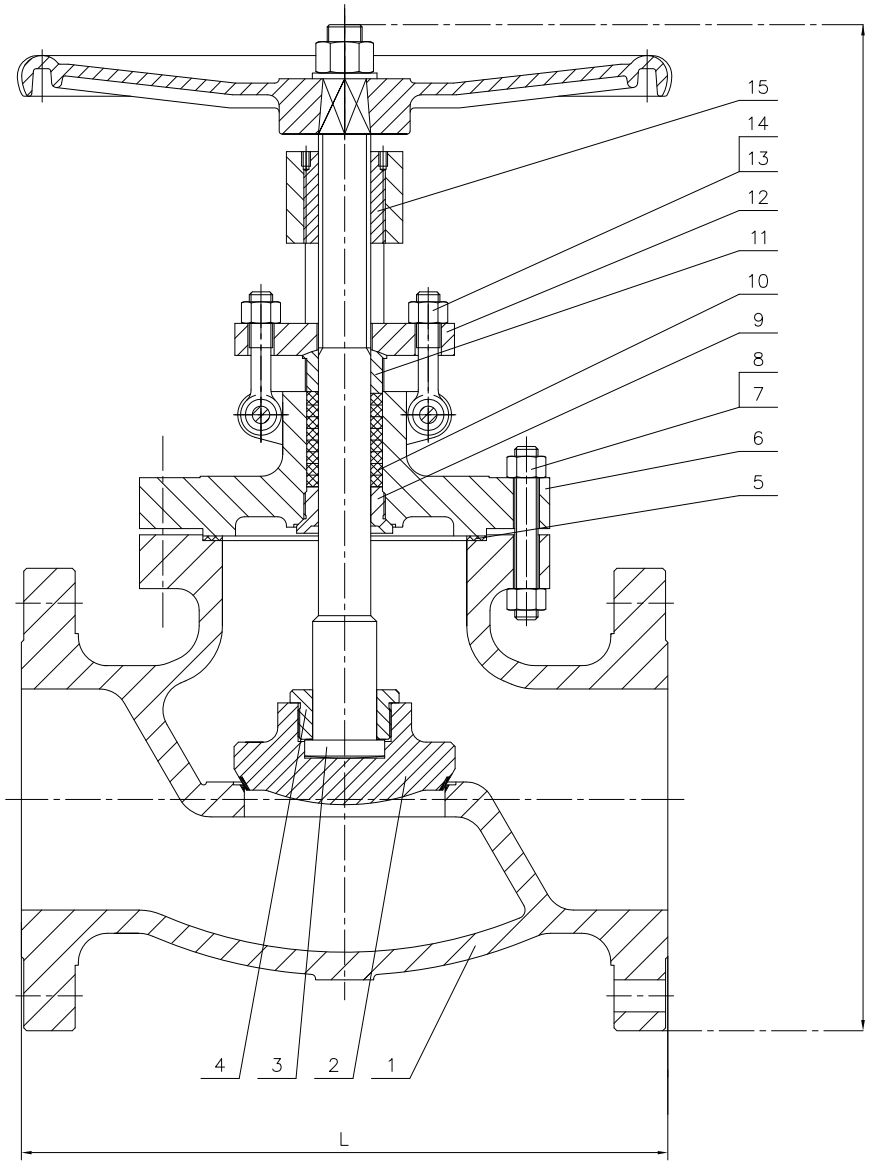
Class		150LB	
Test Pressure	Shell Test	30	BAR
	High Pressure	22	
	Back Seat	22	
	Low Pressure	6	

Pos	PART NAMES:		MATERIALS:
13	Stem Nut		Ali-Bronze
12	Nut		ASTM A194 8M
11	Bolt		ASTM A193 B8M
10	Gland Flange		ASTM A351 CF8M
9	Gland		ASTM A351 CF8M
8	Packing		Graphite
7	Bonnet		ASTM A351 CF8M
6	Nut		ASTM A194 8M
5	Bolt		ASTM A193 B8M
4	Gasket		Graphite + 316
3	Stem		ASTM A182 F316
2	Wedge		ASTM A351 CF8M
1	Body		ASTM A351 CF8M

Size (Inch)		1.5″	2″	2 1/2″	3″	4″	5″	6″	8″	10″	12″
L(RF)		165	178	191	203	229	254	267	292	330	356
L(BW)			216	241	283	305	381	403	419	457	502
H (Open/Closed)		370/300	380/320	417/343	462/370	560/441	695/570	761/590	1005/733	1155/878	1358/1027
W		200	200	200	240	250	250	280	300	350	400
Weight	(RF)	12	16	22	28	42	53	65	105	160	245
	(BW)		14	18	21	35	47	57	86	139	216

Customer:	Order No:
CL150 Gate Valve Bolted Cover OS & Y	
Issue No: Rev 0	
Fecha/Date: 01.08.16	
Fig No: GAS(L)150-10	

TOCINA Válvulas S.L.



Technical Requirements:

1. Design & Manufacture to: API603/ANSI B16.34
2. Press/Temp to ANSI B16.34
3. Face to face to ANSI B16.10
4. Flange Dimensions to ASME B16.5
5. Test & Inspection to API 598/ISO 5208
6. NACE MR-01-75 (Latest Revision)
7. Conform to Pressure Equipment Directive 2014/68/EU

CE 1521

Class		150LB	
Test Pressure	Shell Test	30	BAR
	High Pressure	22	
	Back Seat	22	
	Low Pressure	6	

Pos	Part Names:	Materials:
15	Stem Nut	ASTM A439 D2
14	Nut	ASTM A194 8M
13	Eyelet Bolt	ASTM A193 B8M
12	Gland Flange	ASTM A351 CF8M
11	Gland	ASTM A276 316
10	Packing	Graphite
9	Backseat	ASTM A276 316
8	Nut	ASTM A194 8M
7	Bolt	ASTM A193 B8M
6	Bonnet	ASTM A351 CF8M
5	Gasket	Graphite+316
4	Disc Nut	ASTM A276 316
3	Stem	ASTM A182 F316
2	Disc	ASTM A351 CF8M
1	Body	ASTM A351 CF8M

Size (Inch)		1.5"	2"	2 1/2"	3"	4"	6"	8"	10"
L(RF)		165	203	216	241	292	406	495	622
H (Approx) Open		300	330	360	390	445	520	600	773
Weight	(RF)	9.5	16	24	36	57	111	171	226

Customer:

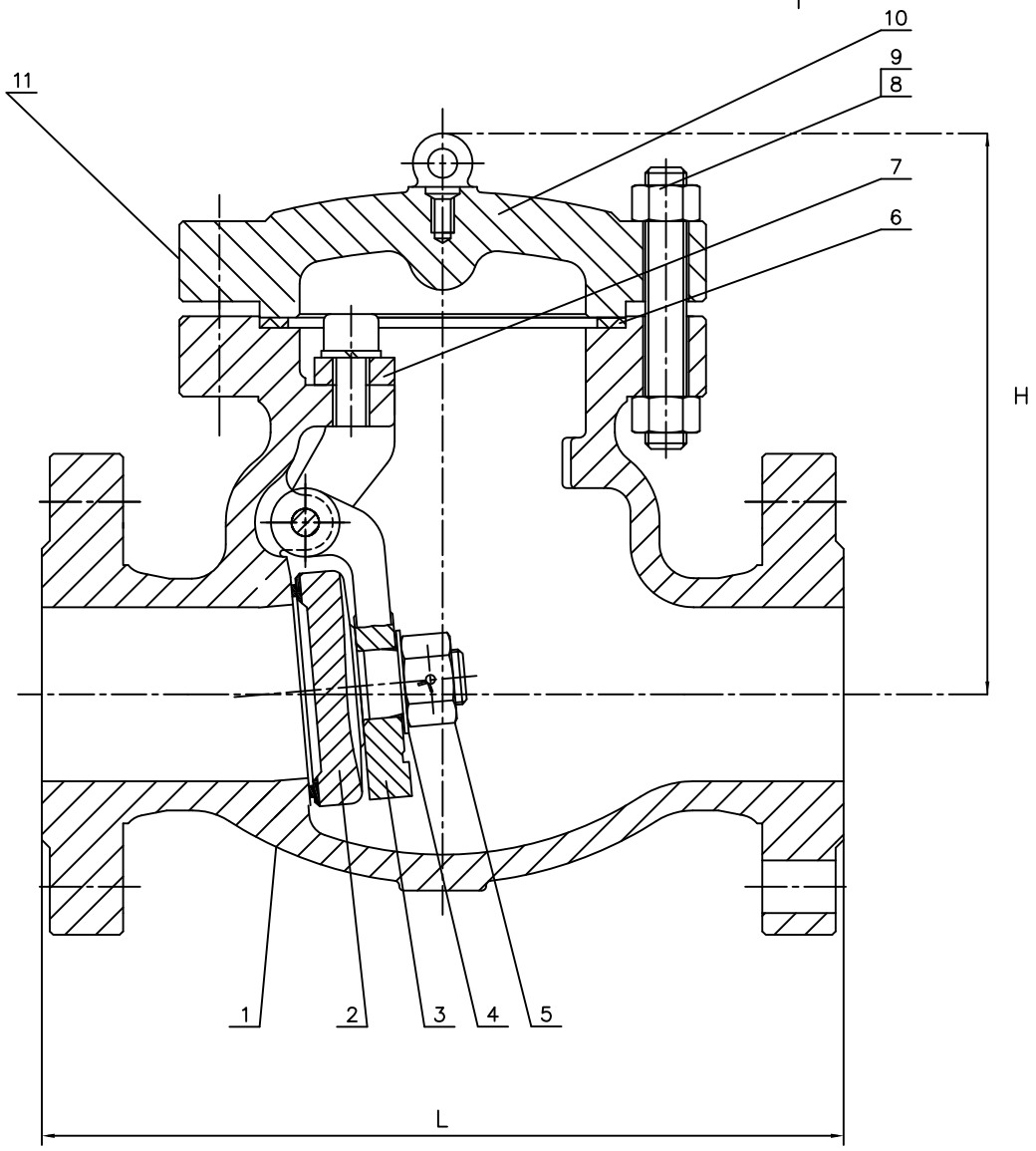
Order No:

CL150 Globe Valve Bolted Cover OS & Y

Issue No	Rev 1
Fecha/Date	15.09.16

Fig No
GLS(L)150-10

TOCINA Válvulas S.L.



Technical Requirements:

1. Design & Manufacture to: API603/ANSI B16.34
2. Press/Temp to ANSI B16.34
3. Face to face to ANSI B16.10
4. Flange Dimensions to ASME B16.5
5. Test & Inspection to API 598/ISO 5208
6. NACE MR-01-75 (Latest Revision)
7. Conform to Pressure Equipment Directive 2014/68/EU

CE 1521

Class		150LB	
Test Pressure	Shell Test	30	BAR
	High Pressure	22	
	Back Seat		
	Low Pressure	6	

Pos	PART NAMES:		MATERIALS:
11	Name Plate		ASTM A276 304 St/St
10	Cover		ASTM A351 CF8M
9	Nut		ASTM A194 8M
8	Bolt		ASTM A193 B8M
7	Hinge Support		ASTM A351 CF8M
6	Gasket		316 St/St - Graphite
5	Nut		ASTM A194 8M
4	Washer		A276 - 316
3	Hinge		ASTM A351 CF8M
2	Disc		ASTM A351 CF8M
1	Body		ASTM A351 CF8M

Size (Inch)		1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"
L(RF)		165	203	216	241	292	356	495	622	698
H (Approx)		115	123	130	149	169	218	253	279	330
Weight	(RF)	9	11	16	21	33	61	106	156	229

Customer:

Order No:

CL150 Swing Check Valve Bolted Cover

Issue No: Rev 2a

Fecha/Date: 15.09.16

Fig No: CKS(L)150-10

TOCINA Válvulas S.L.