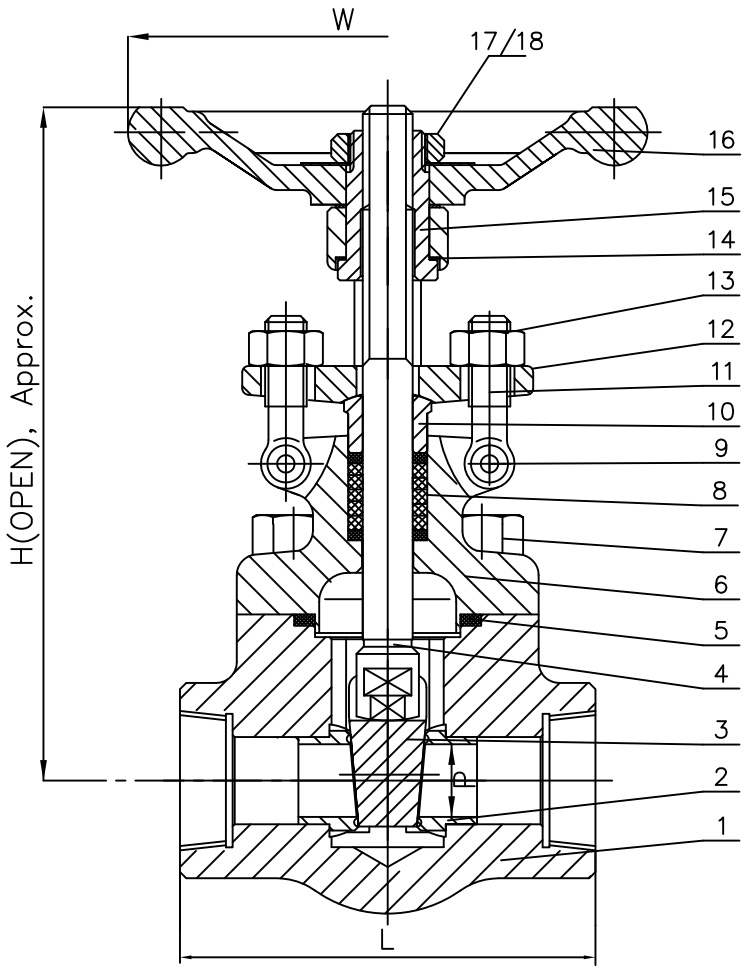


NOTE:

1. NACE: MR0175 Ed:2002, MR0103

BILL OF MATERIAL

No.	Parts	Materials	Remark
1.	BODY	A182 F316L	
2.	SEAT RING	A276–316 + Stellite	
3.	WEDGE	A182 F316L	
4.	STEM	A182–F316	
5.	GASKET	Spiral Wound Type 316+Graphite	
6.	BONNET	A182 F316L	
7.	BONNET BOLT	A193–B8M	
8.	GLAND PACKING	Flexible Graphite	
9.	PIN	A182 F316	
10.	GLAND	A182 F316L	
11.	GLAND BOLT	A193–B8M	
12.	GLAND FLANGE	F316	
13.	GLAND NUT	A194–8M	
14.	SLEEVE WASHER	A276–410	
15.	YOKE SLEEVE	A276–410	
16.	HANDWHEEL	A197	
17.	NAME PLATE	St/St	
18.	H/W NUT	1035+Zin	

D I M E N S I O N (mm)

NPS (inch)	H	L	W	Port Dia P	Ends B	Ends C	Ends d1	Ends S	Weight (kg)	Q'TY (pcs)	Fig No.
1/2	158	79	100	9.6					2.0		GASL800–16
3/4	169	92	100	12.7					2.3		GASL800–16
1	197	111	125	18.0					4.3		GASL800–16
1¼	236	120	160	28.6					5.9		GASL800–16
1½	246	120	160	28.6					6.9		GASL800–16
2	285	140	180	37.5					11.1		GASL800–16

Design :	ANSI B16.34/API 602/EN ISO 15761	
Ends Connection	☐ Socket Weld (ASME B16.11) ☐ NPT–F(ASME B 1.20.1)	
	☐ Socket Weld x NPT–F	
Test (API 598)	Shell	Hydrostatic : 2975 psig(210 kgf/cm²)
	Seat/ Backseat	Hydrostatic : 2175 psig (153 kgf/cm²)
		Pneumatic : 80 psig(6 kgf/cm²)
Seat Surface	Seat or Seatring	■ Stellited (#6)
	Disc or Wedge	■ Stellited (#6) ☐ Hardened (Q.T)
Coating	☐ Phosphatized ☐ Epoxy painted ■ NACE	
	☐ Aluminum painted ■ Non–Application	

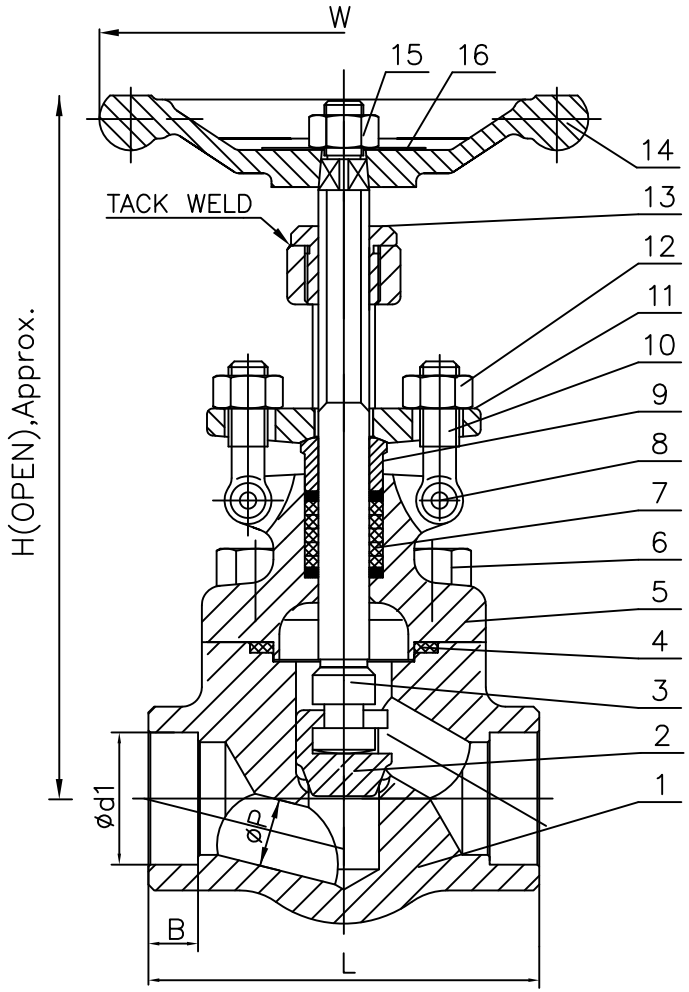
Rev.	Description	Date	Drawn by	Chk'd by	App'd by
2					
1	REV 2	15.08.16			
0	First Issue	JULY/19/'04			

TOCINA Válvulas S.L.

TOCINA Valvulas S.L.

TITLE CLASS 800 GATE BB OS&Y 316L/316/HFS (No 16)

Drawing No.	994–0719–01–09	Rev.	0



BILL OF MATERIAL

No.	Parts	Materials	Remark
1.	BODY	F316L + Stellite	
2.	DISC	F316L + Stellite	
3.	STEM	A182–F316L	
4.	GASKET	Spiral Wound Type 316+Graphite	
5.	BONNET	A182–F316L	
6.	BONNET BOLT	A193–B8	
7.	GLAND PACKING	Flexible Graphite	
8.	PIN	AISI 420	
9.	GLAND	AISI 316	
10.	EYE BOLT	A193 B8	
11.	GLAND FLANGE	AISI 316	
12.	NUT	A194–8M	
13.	STEM NUT	A276–410	
14.	HANDWHEEL	A197	
15.	HANDWHEEL NUT	A194 B8	
16.	NAME PLATE	Aluminum	

NOTE: According to NACE: MR0175 Ed:2002, MR0103

D I M E N S I O N (mm)

NPS (inch)	H	L	W	Port Dia P	Ends B	Ends C	Ends d1	Ends S	Weight (kg)	Q'TY (pcs)	Fig No.
1/2	166	79	100	9.5					1.9		GLSL800–16
3/4	175	92	100	12.7					2.1		GLSL800–16
1	207	115	125	17.5					3.5		GLSL800–16
1 1/4	240	120	160	29.5					5.9		GLSL800–16
1 1/2	275	152	160	29.5					7.5		GLSL800–16
2	330	172	180	35.0					11.4		GLSL800–16

Design : API 602/EN ISO 15761		
Ends Connection	■ Socket Weld (ASME B16.11) ■ NPT–F(ASME B 1.20.1)	
	□ Socket Weld x NPT–F	
Test (API 598)	Shell	Hydrostatic : 2975 psig(210 kgf/cm²)
	Seat/ Backseat	Hydrostatic : 2175 psig (153 kgf/cm²)
		Pneumatic : – psig (– kgf/cm²)
Seat Surface	Seat or Seatring	■ Stellited (#6)
	Disc or Wedge	■ Stellited (#6) □ Hardened (Q.T)
Coating	□ Phosphatized □ Aluminum	□ Epoxy painted □ Non–Application

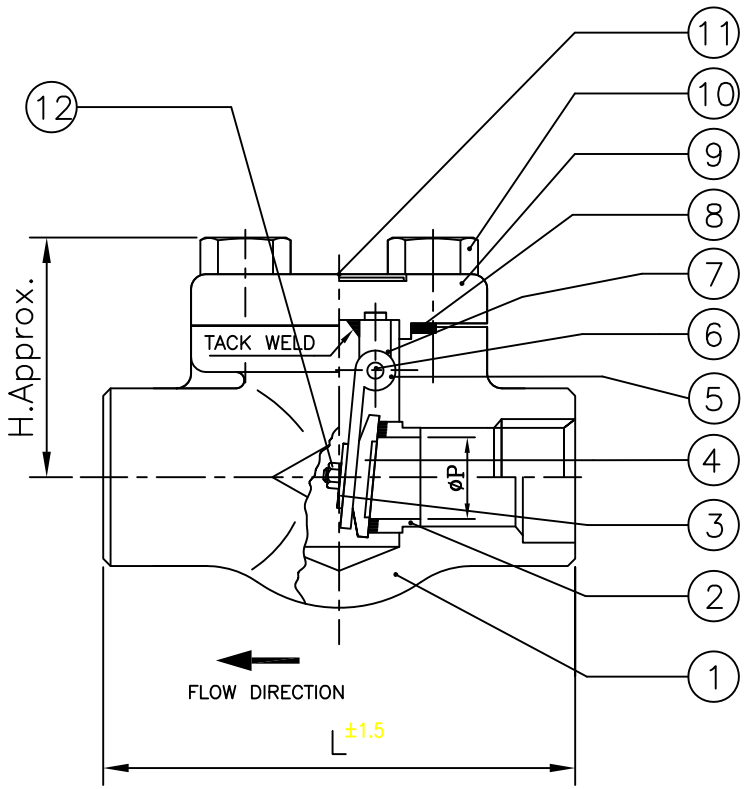
Rev.	Description	Date	Drawn by	Chk'd by	App'd by
2					
1	REV 2	15/08/'16			
0	First Issue	MAY/21/'09			

TOCINA Válvulas S.L.

TOCINA Valvulas S.L.

TITLE CLASS 800 GLOBE BB OS & Y (Reduced) F316L/F316L/HFS (No 16)

Drawing No.	JP4–0722–01–03	Rev.	2



BILL OF MATERIALS

No.	Parts	Materials	Remark
1.	BODY	A182 F316L	
2.	SEAT RING	F316 + Stellite	
3.	DISC WASHER	Stainless Steel	
4.	DISC	F316 + Stellite	
5.	HINGE	A276–420	
6.	HINGE PIN	A276–420	
7.	SUPPORT	A276–420	
8.	GASKET	Spiral Wound Type 316+Graphite	
9.	COVER	A182 F316L	
10.	COVER BOLT	A193–B8M	
11.	NAME PLATE	Aluminum	
12.	DISC NUT	A194–8	

NOTE: According to NACE: MR0175 Ed:2002, MR0103

D I M E N S I O N (mm)

NPS (inch)	H	L	Port Dia P	Ends B	C	d1	S	Weight (kg)	Q'TY (pcs)	Valve No.
1/2	61	79	9.6					1.0		CKSL800–16
3/4	78	92	12.7					1.9		CKSL800–16
1	84	111	18					3.9		CKSL800–16
1¼	101	120	26					4.5		CKSL800–16
1½	120	120	28					7.3		CKSL800–16
2	133	140	37					9.8		CKSL800–16

Design :	ANSI B16.34/API 602/EN ISO 15761	
Ends Connection	☐ Socket Weld (ASME B 16.11) ☐ NPT–F(ASME B 1.20.1) ☐ Socket Weld x NPT–F	
Test (API 598)	Shell	Hydrostatic : 2975 psig (210 kgf/cm²)
	Seat/ Backseat	Hydrostatic : 2175 psig (153 kgf/cm²)
		Pneumatic : N/A psig (N/A kgf/cm²)
Seat Surface	Seat or Seatring	■ Stellited (#6)
	Disc or Wedge	■ Stellited (#6) ☐ Hardened (Q.T)
Coating	☐ Phosphatized ☐ Epoxy painted ☐ Aluminum painted ☐ Non–Application	

Rev.	Description	Date	Drawn by	Chk'd by	App'd by
2					
1	REV 2	15.09.17			
0	First Issue	JULY/22/'04			

TOCINA Válvulas S.L.

TOCINA Valvulas S.L.

TITLE: CL800 Swing Check BC F316L/316/HFS (No 16)

Drawing No. 994–0722–01–04 Rev. 2