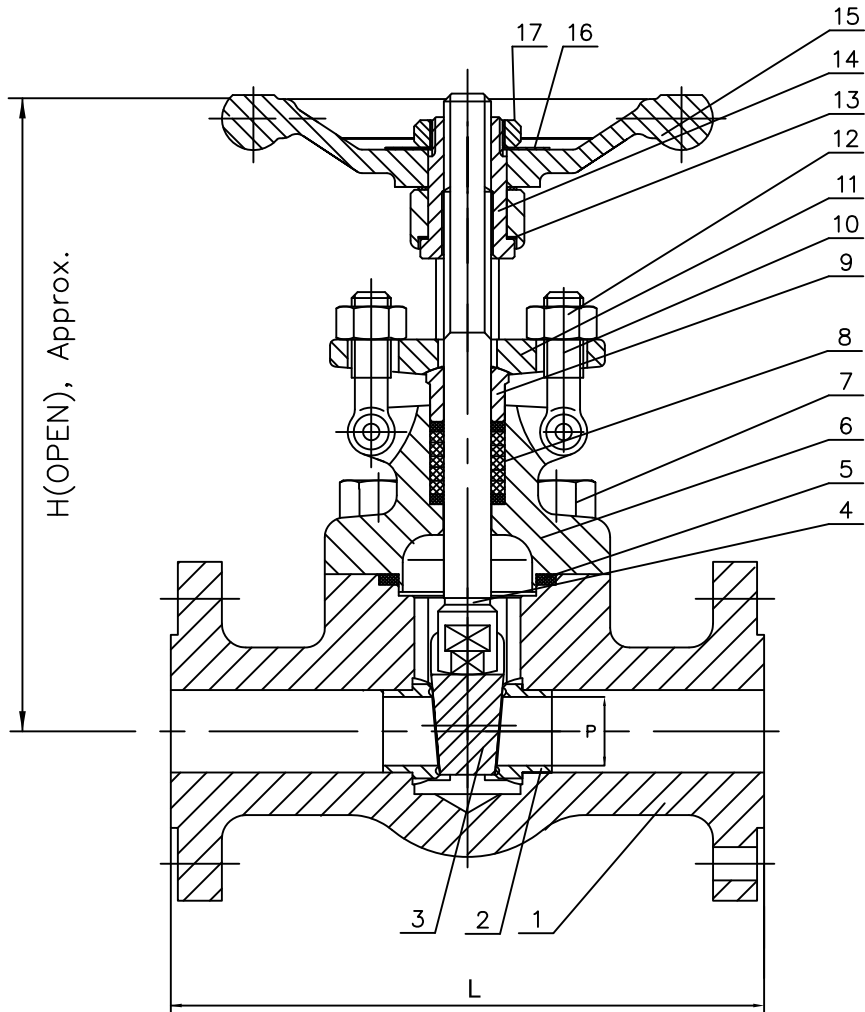


BILL OF MATERIAL

No.	Parts	Materials	Remark
1.	BODY	A182 F316L	
2.	SEAT RING	A182 316L + Stellite	
3.	WEDGE	A182 316L + Stellite	
4.	STEM	A276-F316L	
5.	GASKET	Spiral Wound Type 316+Graphite	
6.	BONNET	A182 F316L	
7.	BONNET BOLT	A193-B8M	
8.	GLAND PACKING	Flexible Graphite	
9.	GLAND	F316L	
10.	GLAND BOLT	A193-B8M	
11.	GLAND FLANGE	316	
12.	GLAND NUT	A194-8M	
13.	SLEEVE WASHER	A276-410	
14.	YOKE SLEEVE	A276-410	
15.	HANDWHEEL	A197	
16.	NAME PLATE	St/St 304	
17.	H/W NUT	1035+Zin	

- NOTE:
1. Integral Type.
  2. The Flanges shall have 125-250 AARH finishing.
  3. NACE: MR0175 Ed:2002, MR0103



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

NPS (inch)	H	L	W	Port Dia P	Ends								Weight (kg)	Q'TY (pcs)	Fig No.
					D	C	g	t	f	nxh	d				
1/2	158	108	100	9.6									4.5		GASL150-16
3/4	169	117	100	12.7									5.2		GASL150-16
1	197	127	125	18.0									8.2		GASL150-16
1 1/2	246	165	160	28.6									12.5		GASL150-16
2	283	203	180	37.5									20.3		GASL150-16

Design :		ANSI B16.34/API 602/EN ISO 15761	
Ends	<input checked="" type="checkbox"/> RF (ASME B16.10, B16.5) <input type="checkbox"/> FF <input type="checkbox"/> Small Tongue <input type="checkbox"/> R T J		
Test (API 598)	Shell	Hydrostatic : 425 psig ( 30 kgf/cm <sup>2</sup> )	
	Seat/ Backseat	Hydrostatic : 325 psig( 23 kgf/cm <sup>2</sup> ) Pneumatic : 80 psig( 6 kgf/cm <sup>2</sup> )	
	Seat	Seat Ring <input checked="" type="checkbox"/> Stellite (#6)	
Surface	Disc or Wedge <input checked="" type="checkbox"/> Stellite (#6) <input type="checkbox"/> Hardened (Q.T)		
Coating	<input type="checkbox"/> Phosphatized <input type="checkbox"/> Epoxy painted <input type="checkbox"/> Aluminum painted <input type="checkbox"/> Non-Application		

△					
△	REV 2	15.08.16			
△	First Issue	JULY/19/'04			
Rev.	Description	Date	Drawn by	Chk'd by	App'd by
		TOCINA Valvulas S.L.			
		TITLE CLASS 150 GATE BB DS&Y FLG'D F316L/316/HFS (No16)			
Drawing No.		994-0719-02-02		Rev.	1