



# Fumagalli S.p.A

Milano - Roma - Italy

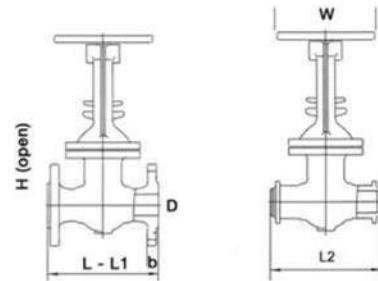
**V A L V E S**

ANSI Gate Valves **Class 600**



**APPLICABLE STANDARD**

API600, BS1414 , ANSI B16.34, API6D;  
 Face To Face / End To End: ANSI B16.10;  
 End Flanges:  
   2"–24": ANSI B16.5  
   26"–36": MSS-SP44  
 API605 on request  
 Welding Ends: ANSI B16.25  
 Shell Wall Thickness:  
   2"–24": API600  
   26"–36": Manufacturer's standard



**DIMENSIONS AND WEIGHTS**

\* Gear Operated

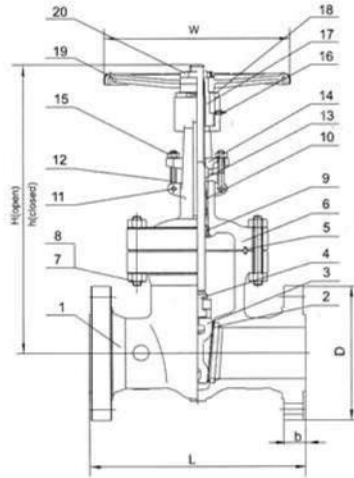
NOM SIZE	L /L2		L1		D		b		H Open		W MM	Wt Kgs
	RF/BW		RTJ									
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM		
2	11.5	292	11.63	295	6.50	165.1	1.00	25.4	18.0	458	250	46
2 1/2	13.0	320	13.13	333	7.50	190.5	1.13	28.6	20.0	508	250	55
3	14.0	356	14.13	359	8.25	209.5	1.25	31.7	22.6	570	250	72
4	17.0	432	17.13	435	20.00	508.0	2.50	63.5	49.5	1257	600	754
12	33.0	838	33.13	841	22.00	558.8	2.62	66.7	57.8	1468	680	981
14	35.0	889	35.13	892	23.75	603.2	2.75	69.8	63.9	1623	760	1316
16	39.0	991	39.13	994	27.00	685.8	3.00	76.2	71.5	1816	760	1672
18*	42.9	1092	43.13	1095	28.25	742.9	3.25	82.5	89.0	2260	GO	2070
20*	47.0	1194	47.25	1200	32.00	812.8	3.50	88.9	106.5	2705	GO	2405
24*	55.0	1397	55.38	1407	37.00	939.8	4.00	102.0	110.6	2810	GO	4550
26*	57.0	1447	57.48	1460	40.0	1016.0	4.25	107.9	115.0	2921	GO	5260
28*	61.0	1549	61.50	1562	42.25	1073.2	4.38	112.0	123.5	3136	GO	5960
30*	65.0	1651	65.50	1664	44.50	1130.3	4.50	115.0	131.0	3327	GO	6700
32*	70.0	1778	70.50	1791	47.0	1193.8	4.62	117.3	141.0	3581	GO	8312
36*	82.0	2082	82.47	2095	51.75	1314.5	4.88	124.0	158.0	4013	GO	10125



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**BILL OF MATERIALS & PARTS**

Part No.	Part Name	ASTM Specifications (Specs.-Grades/Types)				
		A216	A352	A217		A351
		WCB	LCC	WC6	C5	CF8M
1	Body	A216-WCB	A352-LCC	A217-WC6	A217-C5	A351-CF8M
2	Seat Ring	A105 ,LF2, 316 OR 304				
	Seat Ring Surface	13CR, HF(STELLITE), 316, 304, Monel				
3	Gate	A216-WCB	A352-LCC	A217-WC6	A217-C5	A351-CF8M
	Gate Sealing Surface	13CR, HF(STELLITE), 316, 304, Monel				
4	Stem	13CR, 316 OR 304, 17-4PH, Monel				
5	Gasket	Ring Joint-Iron				
6	Bonnet	A216-WCB	A352-LCC	A217-WC6	A217-C5	A351-CF8M
7	Bonnet Bolt Nut	A194-2H	A194-4	A194-2H	A194-4	A194-8
8	Bonnet Bolt	A193-B7	A320-L7	A193-B7	A193-B16	A193-B8
9	Bonnet Bushing	13Cr, 316 OR 304				
10	Gland Packing	Braided Graphite & Die Formed Graphite Ring, PTFE				
11	Eye Bolt Pins	Carbon Steel				316
12	Gland Eye Bolts	A193-B7	A320-L7	A193-B7		A193-B8
13	Gland	13Cr, 316 OR 304				
14	Gland Flange	A216-WCB	A352-LCC	A217-WC6	A217-C5	A351-CF8M
15	Eye Bolt Nut	A194-2H	A194-7M	A194-2H		A194-8
16	Grease Nipple	Carbon Steel				316
17	Yoke Sleeve	ASTM A439 GR D2C				
18	Retaining Nut	Carbon Steel				316
19	Handwheel	Malleable Iron				
20	Handwheel Nut	Carbon Steel				316