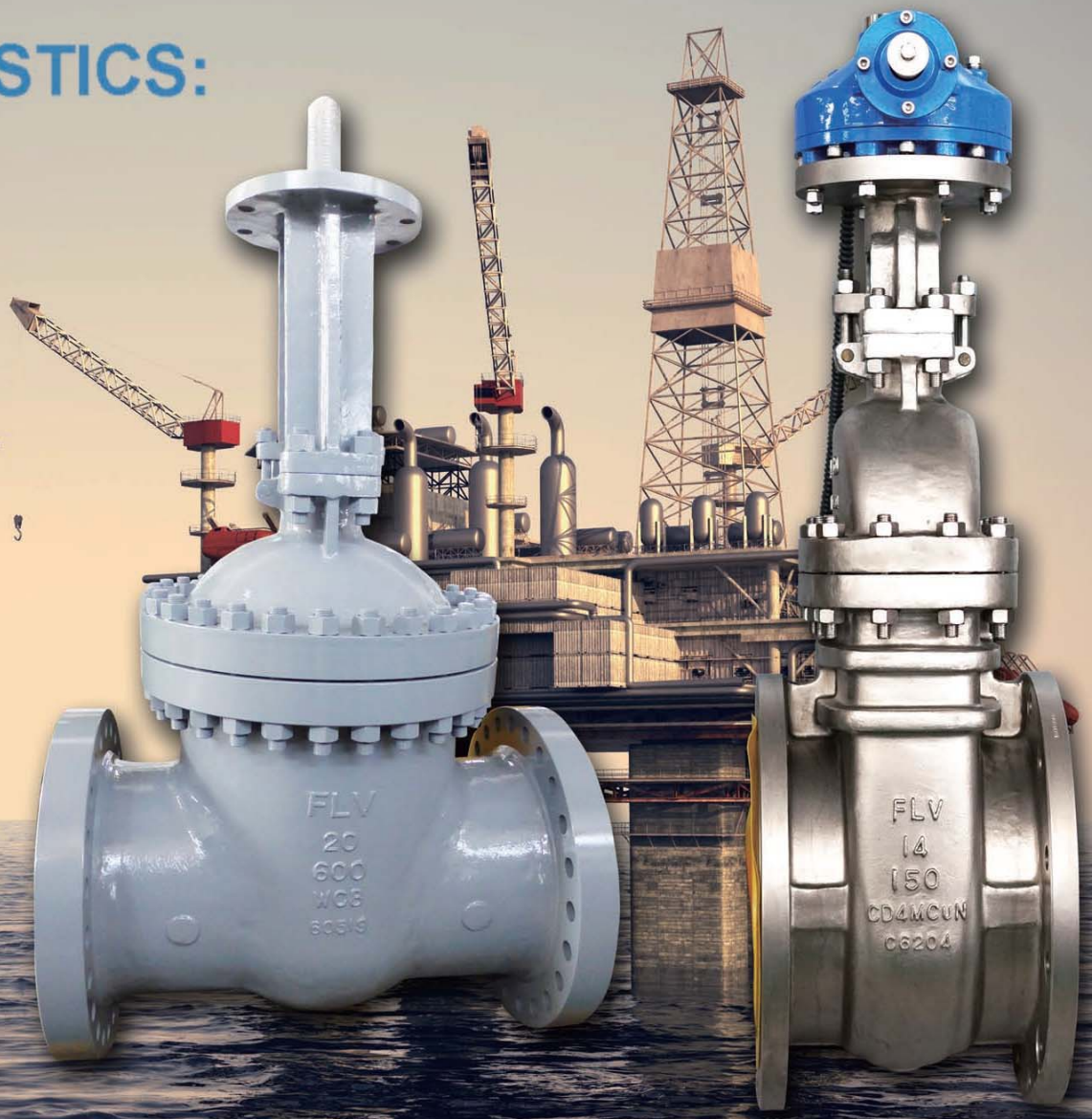
API GATE VALVE

TECHNICAL CHARACTERISTICS:

1. Design standard: API 600 and API SPEC. 6D
2. End-to-end dimensions:
   ASME B16.10 for NPS 1”÷ 36”,
   manufacturer's standard for NPS 38”÷ 56”.
3. Connection flanges:
   ASME B16.5 for NPS 1”÷ 24”,
   MSS SP 44 or ASME B16.47 for NPS 22”÷ 56”.
4. Weld ends: ASME B16.25 or ASME B31.1
5. Temperature pressure rating: ASME B16.34
6. Testing: API 598 or API SPEC. 6D
7. Operation: manual - handwheel
   - gear
   electrical - actuator



Gate Valve, BB, CS

Design

Flour Valve cast steel valves are designed and manufactured to provide maximum service life and dependability. All gate valves are full ported and meet the design requirements of American Petroleum Institute Standard API 600 & API 6D, British Standard BS 1414 & BS EN 1984 and generally conform to American Society of Mechanical Engineers standard ASME B16.34. Valves are available in a complete range of body/bonnet materials and trims.

Range Of Materials

Standard body/bonnet materials include nine grades of carbon, low alloy and stainless steels, For special applications they can be supplied in other grades of alloy and stainless steel. There's a full range of trim materials to match any service. Optional packing and gasket materials are available for a full range of service conditions.

Available Modifications for Flour Valve Cast Steel Valve

Trim Changes
End Connection Modifications
Packing and Gasket Changes
Operator Mounting
Handwheel Extensions
Pressure equalising
Customer Specified Coatings
Weld End Bore Changes
Oxygen & Chlorine cleaning & Packaging

Operating

Large hand wheels for easy operation. Also available with Motor operated actuators, pneumatic or hydraulic actuators for more difficult services.

OS & Y

Outside Screw and Yoke. Cast steel gate valve yoke integral with bonnet for 150Lb-8", 300Lb-8", 600Lb-6", 900Lb-4" & Small.

Stem

All wedge gate valves are provided with upset forged thead stems. By forging the Thead, the stem at the stem-wedge connection is strengthened. This design also allows the wedge to self-align, eliminating the possibility of a bent stem jamming the wedge.

BB

Bolted bonnet. Welded bonnet and pressure seal bonnets are available for services with frequent cycling or with high pressure/ temperature variations.

Body-To-Bonnet Joint

A flat face gasket joint is used in the 150Lb valves. A male and female joint is used in 300Lb to 600Lb valves. Ring joint is used in the body to bonnet connetcion in 900Lb & higher rated valves.

Lantern Ring And Double Packing Set

Lantern ring with leak-off fitting connection and double packing stack is optionally available for critical services.

End Connections

A choice of Flanged, RTJ flanged or butt weld ends for piping flexibility.

Live Load Packing

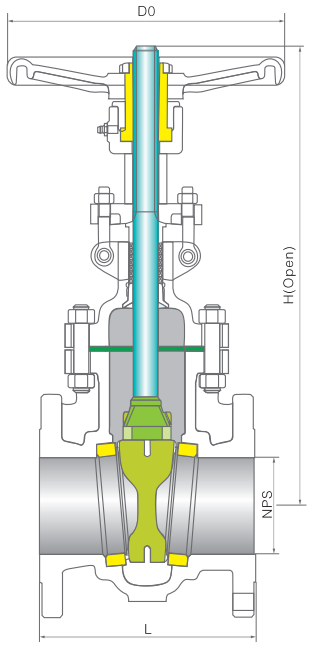
In services requiring frequent cycling or with high pressure temperature variations, live loading extends the service life between maintenance periods by requiring less frequent packing gland adjustments. Belleville springs are employed to provide constant packing gland stress.

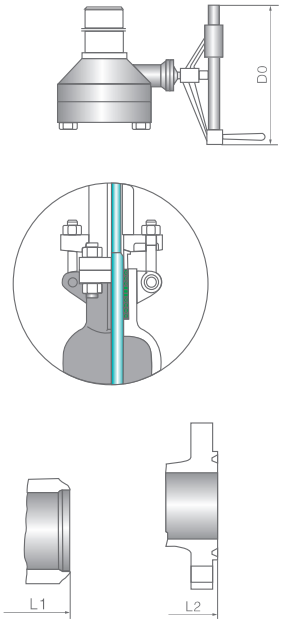
Yokesleeve

Extra long thread engagement between yoke sleeve and stem provide long thread life. Valves of sizes large than 150Lb-12", 600Lb-10", 600Lb-6", 900Lb/1500Lb/2500Lb-4" are regularly provide with roll bearing yokes.

Wedge

Integral guide rib faces assure self-centering of wedge. Flexible wedge gate valve has a one-piece, twin-disc wedge, which is designed so that each half flexes independently. Available in solid, flex split and HIS designs.





Applicable Standards

Steel gate valves: API 600/API 6D
Steel gate valves: ISO 10434/ISO 14313
Steel valves: ASME B16.34
Face to face: ASME B16.10
End flanges: ASME B16.5
Butt weld ends: ASME B16.25
Inspection and test: API 598/API 6D

Fig. No:

G1F01A G1F05D G1F01B
G1B01A G1B05D G1B01B

Design Description

Full port design
OS & Y, Outside screw and yoke
Bolted bonnet (BB) split body
Flexible wedge, fully guided
Choice of solid or split wedge
Renewable seat rings
Forged T-head stem
Rising stem and non-rising handwheel
Flanged or butt weld ends
Available with manual bevel gear operator

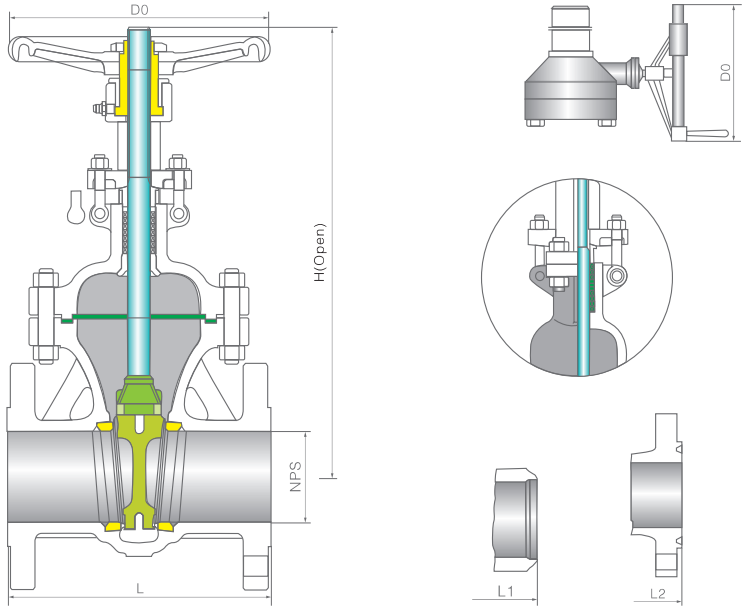
List of Materials

NO	Part name	ASTM Material		
		Carbon steel	1 1/4Cr-1/2Mo	Carbon steel
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Wedge	A216-WCB+CR13	A217-WC6+HF	A352-LCB+CR13
4	Stem	A182-F6a	CR-MO-V	A182-F6a
5	Seat ring	A105+CR13	A182-F11+HF	A350-LF2+CR13
6	Stem backseat	A276-420	A276-304	A276-420
7	Bonnet gasket		Spiral wound(Graphite+304)	
8	Bonnet stud	A193-B7	A193-B16	A320-L7
9	Bonnet stud nut	A194-2H	A194-7	A194-4
10	Packing		Graphite	
11	Gland	A276-420	A276-304	A276-420
12	Gland flange	A216-WCB	A217-WC6	A352-LCB
13	Eyebolt pin	Carbon steel	A276-420	Carbon steel
14	Eyebolt	Carbon steel	A193-B7	Carbon steel
15	Eyebolt nut	Carbon steel	A194-2H	Carbon steel
16	Grease fitting		Brass+steel	
17	Yokesleeve		Aluminum-Bronze[1)]	
18	Yokesleeve jam nut		Carbon steel	
19	Handwheel		Malleable iron	
20	Handwheel nut		Carbon steel	

Note:
1). Ductile Ni-Resist optional;
2). The wedge and seat ring may either be hard faced or use a base material equal or better than the body/bonnet material with facing as shown.

Dimensional Data

Size		L (RF)		L1 (BW)		L2 (RTJ)		H (Open)		D0		WT(kg)	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	RF	BW
1 1/2	40	6.5	165	6.5	165	7.0	178	15.7	392	7.86	200	18.5	15.5
2	50	7.00	178	8.5	216	7.5	191	15.25	368	8	200	18	15
2 1/2	65	7.50	191	9.50	241	8	203	17.00	434	8	200	25	18
3	80	8.00	203	11.12	283	8.5	216	18.88	480	10	250	32	26
4	100	9.00	229	12.00	305	9.5	242	23.00	584	12	300	50	41
6	150	10.50	267	15.88	403	11	279	30.50	765	12	300	77	69
8	200	11.50	292	16.50	419	12	305	37.62	956	14	350	121	108
10	250	13.00	330	18.00	457	13.5	343	45.50	1149	16	400	478	156
12	300	14.00	356	19.75	502	14.5	368	53.12	1350	18	450	265	248
14	350	15.00	381	22.50	572	15.5	394	59.38	1508	20	500	363	330
16	400	16.00	406	24.00	610	16.5	419	67.00	1703	22	550	463	424
18	450	17.00	432	26.00	660	17.5	445	74.50	1892	24	600	621	587
20	500	18.00	457	28.00	711	18.5	470	83.50	2119	26	640	792	752
24	600	20.00	508	32.00	813	20.5	521	98.25	2500	29	720	1190	1144
26	650	22.00	559	34.00	864	-	-	110.50	2806	29	720	1521	1570
28	700	24.00	610	36.00	914	24.5	622	116.50	2960	32	800	1838	1900
30	750	24.00	610	36.00	914	24.5	622	124.00	3150	32	800	2261	3310
32	800	28.00	711	38.00	965	26.5	673	129.00	3280	38	950	2490	2540
36	900	28.00	711	40.00	1016	28.5	724	146.50	3720	40	1000	3310	3380
40	1000	30	762	42	1067	-	-	183.86	4670	30	760	4815	4840
42	1050	31	787	43	1092	-	-	193.75	4920	30	760	5300	5275
48	1200	34	864	46	1168	-	-	217.5	5525	30	760	7110	7050



Applicable Standards

Steel gate valves: API 600/API 6D
Steel gate valves: ISO 10434/ISO 14313
Steel valves: ASME B16.34
Face to face: ASME B16.10
End flanges: ASME B16.5
Butt weld ends: ASME B16.25
Inspection and test: API 598/API 6D

Fig. No:

G3F01A G3F05D G3F01B
G3B01A G3B05D G3B01B
G3R01A G3R05D G3R01B

Design Description

Full port design
OS & Y, Outside screw and yoke
Bolted bonnet (BB) split body
Flexible wedge, fully guided
Choice of solid or split wedge
Renewable seat rings
Forged T-head stem
Rising stem and non-rising handwheel
Flanged or butt weld ends
Available with manual bevel gear operator

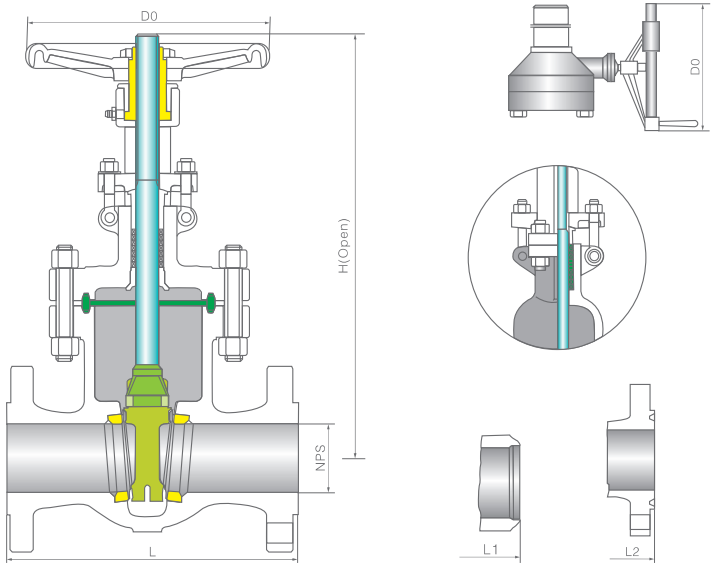
List of Materials

NO	Part name	ASTM Material		
		Carbon steel	1 1/4Cr-1/2Mo	Carbon steel
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Wedge	A216-WCB+CR13	A217-WC6+HF	A352-LCB+CR13
4	Stem	A182-F6a	CR-MO-V	A182-F6a
5	Seat ring	A105+CR13	A182-F11+HF	A350-LF2+CR13
6	Stem backseat	A276-420	A276-304	A276-420
7	Bonnet gasket		Spiral wound(Graphite+304)	
8	Bonnet stud	A193-B7	A193-B16	A320-L7
9	Bonnet stud nut	A194-2H	A194-7	A194-4
10	Packing		Graphite	
11	Gland	A276-420	A276-304	A276-420
12	Gland flange	A216-WCB	A217-WC6	A352-LCB
13	Eyebolt pin	Carbon steel	A276-420	Carbon steel
14	Eyebolt	Carbon steel	A193-B7	Carbon steel
15	Eyebolt nut	Carbon steel	A194-2H	Carbon steel
16	Grease fitting		Brass+steel	
17	Yokesleeve		Aluminum-Bronze[1]	
18	Yokesleeve jam nut		Carbon steel	
19	Handwheel		Malleable iron	
20	Handwheel nut		Carbon steel	

Note:
1). Ductile Ni-Resist optional;
2). The wedge and seat ring may either be hard faced or use a base material equal or better than the body/bonnet material with facing as shown.

Dimensional Data

Size		D/L1 (RF/BW)		L2 (RTJ)		H (OPEN)		D0		WT (Kg)	
in	mm	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW
1 1/2	40	7.5	190	8.0	203	14.7	374	7.88	200	26	22
2	50	8.50	216	9.12	232	16.12	410	8	200	23	17
2 1/2	65	9.50	241	10.12	257	17.88	453	8	200	35	26
3	80	11.12	283	11.75	298	20.00	509	10	250	50	39
4	100	12.00	305	12.62	321	24.00	612	12	300	71	53
6	150	15.88	403	16.50	419	31.75	805	14	350	144	113
8	200	16.50	419	17.12	435	39.38	1000	16	400	209	164
10	250	18.00	457	18.62	473	47.62	1210	18	450	322	256
12	300	19.75	502	20.38	518	55.75	1415	20	500	482	390
14	350	30.00	762	30.62	778	62.25	1580	22	550	683	565
16	400	33.00	838	33.62	854	67.88	1725	22	550	950	805
18	450	36.00	914	36.62	930	77.12	1960	24	600	1145	965
20	500	39.00	991	39.75	1010	86.38	2195	26	640	1635	1410
24	600	45.00	1143	45.88	1165	102.00	2590	29	720	2660	2305
26	650	49.00	1245	50.00	1270	117.00	2975	29	720	3090	2540
28	700	53.00	1346	54.00	1372	122.00	3100	32	800	3310	2725
30	750	55.00	1397	56.00	1422	126.00	3200	32	800	3595	3055
32	800	60.00	1524	61.12	1553	130.00	3300	38	950	3720	3360
36	900	68.00	1727	69.12	1756	152.00	3860	40	1000	3985	3630
40	1000	76	1930	-	-	188.63	4791	24	610	8460	6160
42	1050	78	1981	-	-	198.13	5032	24	610	9500	6800
48	1200	88	2235	-	-	217.38	5522	24	610	12400	9000



Applicable Standards

Steel gate valves: API 600/API 6D
Steel gate valves: ISO 10434/ISO 14313
Steel valves: ASME B16.34
Face to face: ASME B16.10
End flanges: ASME B16.5
Butt weld ends: ASME B16.25
Inspection and test: API 598/API 6D

Fig. No:

G6F01A G6F05D G6F01B
G6B01A G6B05D G6B01B
G6R01A G6R05D G6R01B

Design Description

Full port design
OS & Y, Outside screw and yoke
Bolted bonnet (BB) split body
Flexible wedge, fully guided
Choice of solid or split wedge
Renewable seat rings
Forged T-head stem
Rising stem and non-rising handwheel
Flanged or butt weld ends
Available with manual bevel gear operator

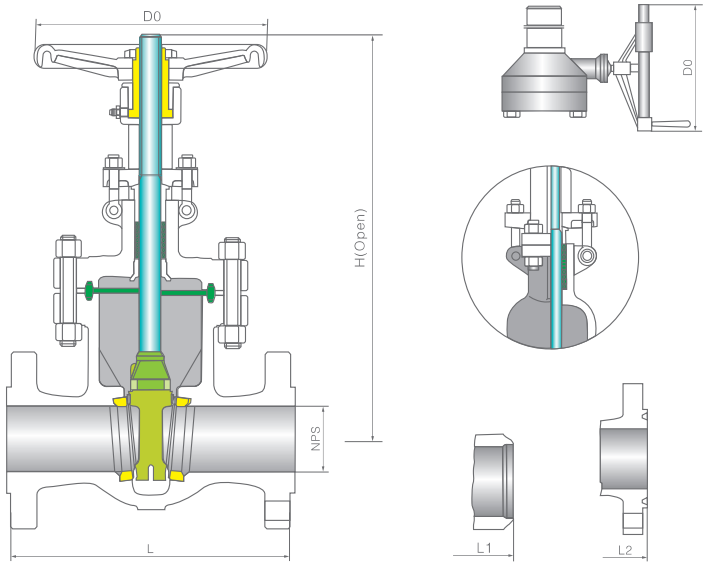
List of Materials

NO	Part name	ASTM Material		
		Carbon steel	1 1/4Cr-1/2Mo	Carbon steel
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Wedge	A216-WCB+CR13	A217-WC6+HF	A352-LCB+CR13
4	Stem	A182-F6a	CR-MO-V	A182-F6a
5	Seat ring	A105+CR13	A182-F11+HF	A350-LF2+CR13
6	Stem backseat	A276-420	A276-304	A276-420
7	Bonnet gasket	Steel ring	304SS Ring	Steel ring
8	Bonnet stud	A193-B7	A193-B16	A320-L7
9	Bonnet stud nut	A194-2H	A194-7	A194-4
10	Packing		Graphite	
11	Gland	A276-420	A276-304	A276-420
12	Gland flange	A216-WCB	A217-WC6	A352-LCB
13	Eyebolt pin	Carbon steel	A276-420	Carbon steel
14	Eyebolt	Carbon steel	A193-B7	Carbon steel
15	Eyebolt nut	Carbon steel	A194-2H	Carbon steel
16	Grease fitting		Brass+steel	
17	Yokesleeve		Aluminum-Bronze[1]	
18	Yokesleeve jam nut		Carbon steel	
19	Handwheel		Malleable iron	
20	Handwheel nut		Carbon steel	

Note:
1). Ductile Ni-Resist optional;
2). The wedge and seat ring may either be hard faced or use a base material equal or better than the body/bonnet material with facing as shown.

Dimensional Data

Size		L/L1 (RF/BW)		L2 (RTJ)		H (OPEN)		D0		WT (Kg)	
in	mm	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW
2	50	11.50	292	11.62	295	16.50	418	8	200	36	29
2 1/2	65	13.00	330	13.12	333	18.75	476	10	250	52	42
3	80	14.00	356	14.12	359	20.38	518	10	250	67	53
4	100	17.00	432	17.12	435	25.50	646	12	300	112	83
6	150	22.00	559	22.12	562	33.00	840	18	450	170	125
8	200	26.00	660	26.12	664	40.38	1025	20	500	393	310
10	250	31.00	787	31.12	791	48.38	1230	24	600	610	472
12	300	33.00	838	33.12	841	57.00	1450	24	600	890	730
14	350	35.00	889	35.12	892	62.00	1575	24	600	1245	1055
16	400	39.00	991	39.12	994	70.62	1795	24	600	1530	1240
18	450	43.00	1092	43.12	1095	76.00	1930	26	640	1965	1625
20	500	47.00	1194	47.25	1200	87.00	2210	26	640	2450	2030
24	600	55.00	1397	55.38	1407	101.50	2580	29	720	2995	2590
26	650	57.00	1448	57.50	1461	105.00	2665	29	720	3475	2855
28	700	61.00	1549	61.50	1562	109.50	2780	32	800	3725	3065
30	750	65.00	1651	65.50	1664	114.00	2895	32	800	2045	3440
32	800	70.00	1778	70.62	1794	124.00	3150	38	950	4185	3780
36	900	82.00	2083	82.62	2099	140.00	3560	40	1000	4480	4085



Applicable Standards

Steel gate valves: API 600/API 6D
Steel gate valves: ISO 10434/ISO 14313
Steel valves: ASME B16.34
Face to face: ASME B16.10
End flanges: ASME B16.5
Butt weld ends: ASME B16.25
Inspection and test: API 598/API 6D

Design Description

Full port design
OS & Y, Outside screw and yoke
Bolted bonnet (BB) split body
Flexible wedge, fully guided
Choice of solid or split wedge
Renewable seat rings
Forged T-head stem
Rising stem and non-rising handwheel
Flanged or butt weld ends
Available with manual bevel gear operator

Fig. No:

G9F05A G9F05D G9F05B
G9B05A G9B05D G9B05B
G9R05A G9R05D G9R05B

List of Materials

NO	Part name	ASTM Material		
		Carbon steel	1¼Cr-½Mo	Carbon steel
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Wedge	A216-WCB+CR13	A217-WC6+HF	A352-LCB+CR13
4	Stem	A182-F6a	CR-MO-V	A182-F6a
5	Seat ring	A105+HF	A182-F11+HF	A350-LF2+HF
6	Stem backseat	A276-420	A276-304	A276-420
7	Bonnet gasket	Steel ring	304SS Ring	Steel ring
8	Bonnet stud	A193-B7	A193-B16	A320-L7
9	Bonnet stud nut	A194-2H	A194-7	A194-4
10	Packing		Graphite	
11	Gland	A276-420	A276-304	A276-420
12	Gland flange	A216-WCB	A217-WC6	A352-LCB
13	Eyebolt pin	Carbon steel	A276-420	Carbon steel
14	Eyebolt	Carbon steel	A193-B7	Carbon steel
15	Eyebolt nut	Carbon steel	A194-2H	Carbon steel
16	Grease fitting		Brass+steel	
17	Yokesleeve		Aluminum-Bronze[1)]	
18	Yokesleeve jam nut		Carbon steel	
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Note:
1). Ductile Ni-Resist optional;
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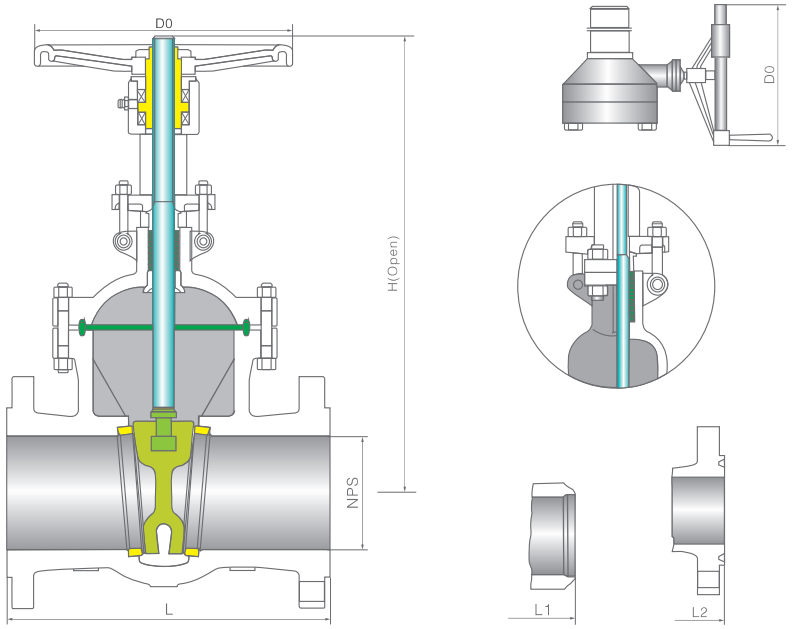
Dimensional Data

Size		L/L1 (RF/BW)		L2 (RTJ)		H (OPEN)		D0		WT (Kg)	
in	mm	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW
2	50	14.50	368	14.62	371	19.62	498	10	250	74	54
2½	65	16.50	419	16.62	422	21.50	547	10	250	131	105
3	80	15.00	381	15.12	384	22.50	573	12	300	101	78
4	100	18.00	457	18.12	460	26.62	678	18	450	172	135
6	150	24.00	610	24.12	613	35.50	900	20	500	335	260
8	200	29.00	737	29.12	740	43.50	1103	24	600	640	515
10	250	33.00	838	33.12	841	53.00	1345	26	640	1100	920
12	300	38.00	965	38.12	968	60.00	1525	29	720	1600	1380
14	350	40.50	1029	40.88	1038	74.88	1900	32	800	2250	2010
16	400	44.50	1130	44.88	1140	81.00	2055	32	800	2850	2565
18	450	48.00	1219	48.50	1232	87.00	2215	38	950	3060	2485
20	500	52.00	1321	52.50	1334	101.00	2565	38	950	3835	3250
24	600	61.00	1549	61.75	1568	104.00	2640	40	1000	4900	4065



Applicable Standards

Steel gate valves: API 600/API 6D
Steel gate valves: ISO 10434/ISO 14313
Steel valves: ASME B16.34
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End flanges: ASME B16.5
Butt weld ends: ASME B16.25
Inspection and test: API 598/API 6D

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Flanged or butt weld ends
Available with manual bevel gear operator

Fig. No:

G15F05A G15F05D G15F05B
G15B05A G15B05D G15B05B
G15R05A G15R05D G15R05B

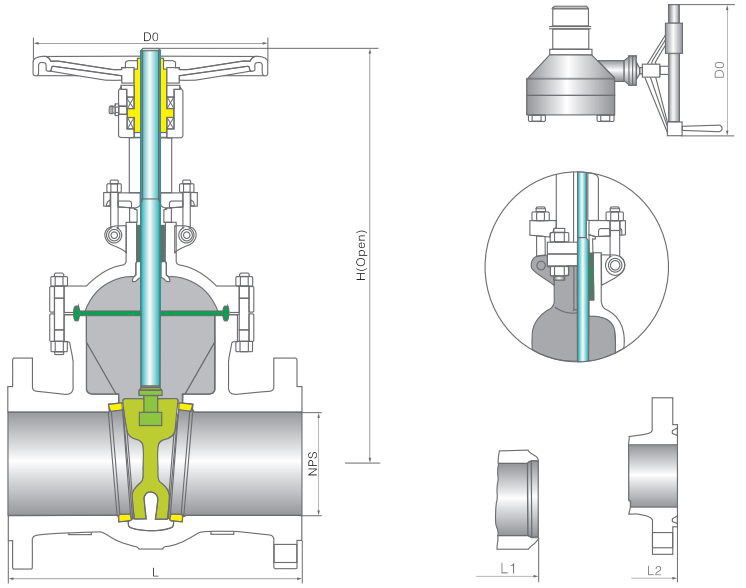
List of Materials

NO	Part name	ASTM Material		
		Carbon steel	1¼Cr-½Mo	Carbon steel
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Wedge	A216-WCB+CR13	A217-WC6+HF	A352-LCB+CR13
4	Stem	A182-F6a	CR-MO-V	A182-F6a
5	Seat ring	A105+HF	A182-F11+HF	A350-LF2+HF
6	Stem backseat	A276-420	A276-304	A276-420
7	Bonnet gasket	Steel ring	304SS Ring	Steel ring
8	Bonnet stud	A193-B7	A193-B16	A320-L7
9	Bonnet stud nut	A194-2H	A194-7	A194-4
10	Packing		Graphite	
11	Gland	A276-420	A276-304	A276-420
12	Gland flange	A216-WCB	A217-WC6	A352-LCB
13	Eyebolt pin	Carbon steel	A276-420	Carbon steel
14	Eyebolt	Carbon steel	A193-B7	Carbon steel
15	Eyebolt nut	Carbon steel	A194-2H	Carbon steel
16	Grease fitting		Brass+steel	
17	Yokesleeve		Aluminum-Bronze[1)]	
18	Yokesleeve jam nut		Carbon steel	
19	Handwheel		Malleable iron	
20	Handwheel nut		Carbon steel	

Note:
1). Ductile Ni-Resist optional;
2). The wedge and seat ring may either be hard faced or use a base material equal or better than the body/bonnet material with facing as shown.

Dimensional Data

Size		L/L1 (RF/BW)		L2 (RTJ)		H (OPEN)		D0		WT (Kg)	
in	mm	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW
2	50	14.50	368	15.50	371	24.25	615	10	250	116	105
2½	65	16.50	419	16.62	422	26.00	658	12	300	166	150
3	80	18.50	470	18.62	473	30.00	760	18	450	209	188
4	100	21.50	546	21.62	549	34.12	868	20	500	296	265
6	150	27.75	705	28.00	711	39.50	1005	24	600	510	412
8	200	32.75	832	33.12	841	45.00	1145	18	460	920	760
10	250	39.00	991	39.38	1000	54.00	1370	18	460	1910	1640
12	300	44.50	1130	45.12	1146	61.00	1550	24	600	3145	2755
14	350	49.50	1257	50.25	1276	74.88	1900	24	600	4100	3200
16	400	54.50	1384	55.38	1407	80.50	2050	24	600	6200	5300
18	450	60.50	1537	61.38	1559	93.75	2380	24	600	8965	8070
20	500	65.50	1664	66.38	1686	101.50	2580	24	600	13100	11790
24	600	76.50	1943	77.62	1972	114.75	2915	24	600	15860	14275



Applicable Standards

Steel gate valves: API 600/API 6D
Steel gate valves: ISO 10434/ISO 14313
Steel valves: ASME B16.34
Face to face: ASME B16.10
End flanges: ASME B16.5
Butt weld ends: ASME B16.25
Inspection and test: API 598/API 6D

Fig. No:

G25F05A G25F05D G25F05B
G25B05A G25B05D G25B05B
G25R05A G25R05D G25R05B

Design Description

Full port design
OS & Y, Outside screw and yoke
Bolted bonnet (BB) split body
Flexible wedge, fully guided
Choice of solid or split wedge
Renewable seat rings
Forged T-head stem
Rising stem and non-rising handwheel
Flanged or butt weld ends
Available with manual bevel gear operator

List of Materials

NO	Part name	ASTM Material		
		Carbon steel	1 1/4Cr-1/2Mo	Carbon steel
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Wedge	A216-WCB+CR13	A217-WC6+HF	A352-LCB+CR13
4	Stem	A182-F6a	CR-MO-V	A182-F6a
5	Seat ring	A105+HF	A182-F11+HF	A350-LF2+HF
6	Stem backseat	A276-420	A276-304	A276-420
7	Bonnet gasket	Steel ring	304SS Ring	Steel ring
8	Bonnet stud	A193-B7	A193-B16	A320-L7
9	Bonnet stud nut	A194-2H	A194-7	A194-4
10	Packing		Graphite	
11	Gland	A276-420	A276-304	A276-420
12	Gland flange	A216-WCB	A217-WC6	A352-LCB
13	Eyebolt pin	Carbon steel	A276-420	Carbon steel
14	Eyebolt	Carbon steel	A193-B7	Carbon steel
15	Eyebolt nut	Carbon steel	A194-2H	Carbon steel
16	Grease fitting		Brass+steel	
17	Yokesleeve		Aluminum-Bronze[1)]	
18	Yokesleeve jam nut		Carbon steel	
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Note:
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Dimensional Data

Size		L/L1 (RF/BW)		L2 (RTJ)		H (OPEN)		D0		WT (Kg)	
in	mm	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW
2	50	17.75	451	17.88	454	21.88	631	12	300	155	124
2 1/2	65	20.00	508	20.50	514	29.00	736	18	450	210	160
3	80	22.75	578	23.00	584	35.00	890	20	500	310	245
4	100	26.50	673	26.88	683	41.50	1055	20	500	580	460
6	150	36.00	914	36.50	927	57.00	1450	24	600	1600	1310
8	200	40.25	1022	10.88	1038	63.38	1610	24	600	2450	2010
10	250	50.00	1270	50.88	1292	81.75	2075	24	600	4570	3800
12	300	56.00	1422	56.88	1445	89.75	2280	24	600	7150	6000
14	350	-	-	-	-	-	-	-	-	-	-
16	400	-	-	-	-	-	-	-	-	-	-
18	450	-	-	-	-	-	-	-	-	-	-
20	500	-	-	-	-	-	-	-	-	-	-
24	600	-	-	-	-	-	-	-	-	-	-

QUALITY
INDUSTRIAL VALVES

MILANO ITALY

Website: www.flourvalve.it Email: info@flourvalve.it