



ЗАДВИЖКИ

MODEL 72

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астана +7(7172)727-132	Калуга (4842)92-23-67	Омск (3812) 21-46-40	Ставрополь (8652)20-65-13
Астрахань (8512) 99-46-04	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462) 77-98-35
Барнаул (3852) 73-04-60	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Белгород (4722)40-23-64	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Брянск (4832)59-03-52	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Владивосток (423)249-28-31	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Волгоград (844)278-03-48	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Вологда (8172)26-41-59	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
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Екатеринбург (343)384-55-89	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
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Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54	

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OTECO Model 72 Gate Valve



Model 72 Gate Valve Overview

Designed for the oilfield, the Model 72 gate valve is the proven, reliable choice for applications requiring up to 5,000 psi working pressure and temperatures up to 250° F (121° C). The Model 72 gate valve is designed for maximum flexibility and reliability and is ideal for corrosive water flood applications, sour gas and crude oil service, as well as certain wellhead applications.

Whether used in your mud system, floor and standpipe manifold, or flow line application, the Model 72 is field proven for easy operation, tight shut-offs, long life, and simple, fast, low-cost field renewal. Manufactured at our Houston facility, each Model 72 is rigorously tested prior to shipment from the factory.

Model 72 Features & Benefits

- The use of Body Subs allows change out of valve connections without changing valve body or entire valve.
- Full rising, one piece forged gate and stem displays current valve orientation: open, partially open, or closed.
- Extra large ball bearings and heavy duty stem threads minimize torque required for valve operation.
- Proven interlocking gate packing and wear plate design protects the valve body and cap during repeated valve opening and closing.
- Standard gate packings are designed for a wide range of fluid environments.
- Model 72 parts are interchangeable with Cameron type 'S' Flex-Seal valve parts.

Recommended Maximum Working Pressure (WP) and Shell Test Pressure (TP) by End Connection PSI (BAR)

END CONNECTION	2-Inch Working Pressure			3-Inch Working Pressure			4-Inch Working Pressure			5-Inch (4-Inch Full Port) Working Pressure		
	GV224	GV236	GV250	GV324	GV336	GV350	GV424	GV436	GV450	GV524	GV536	GV550
(WP)	2,000	3,000	5,000	2,000	3,000	5,000	2,000	3,000	5,000	2,000	3,000	5,000
	(138)	(207)	(345)	(138)	(207)	(345)	(138)	(207)	(345)	(138)	(207)	(345)
Line Pipe Thread (TP)	4,000	6,000	10,000	4,000	6,000	7,500	4,000	6,000	7,500	4,000	6,000	NA
	(276)	(414)	(689)	(276)	(414)	(517)	(276)	(414)	(517)	(276)	(414)	
Butt Weld SCH.40 (TP)	4,000	NR	NR	4,000	NR	NR	3,000	NR	NR	NA	NR	NR
	(276)			(276)			(207)					
Butt Weld SCH.80 (TP)	4,000	6,000	NR	4,000	6,000	NR	4,000	4,500	NR	4,000	NA	NR
	(276)	(414)		(276)	(414)		(276)	(300)		(276)		
Butt Weld SCH.160 (TP)	4,000	6,000	7,500	4,000	6,000	7,500	4,000	6,000	7,500	4,000	6,000	7,500
	(276)	(414)	(517)	(276)	(414)	(517)	(276)	(414)	(517)	(276)	(414)	(517)
Butt Weld SCH.XXS (TP)	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000
	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)
Raised Face Flange (ANSI) (TP)	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000
	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)
RTJ Flange (API) (TP)	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000
	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)
Weco® Figure 1002* (TP)	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000
	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)
Weco® Figure 1502 (TP)	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000	4,000	6,000	10,000
	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)	(276)	(414)	(689)

Color coded models match their representational dimensional charts.

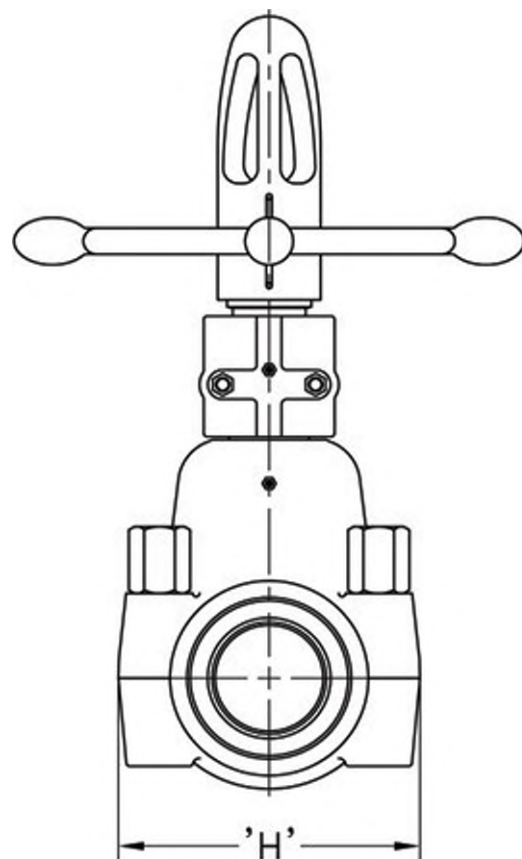
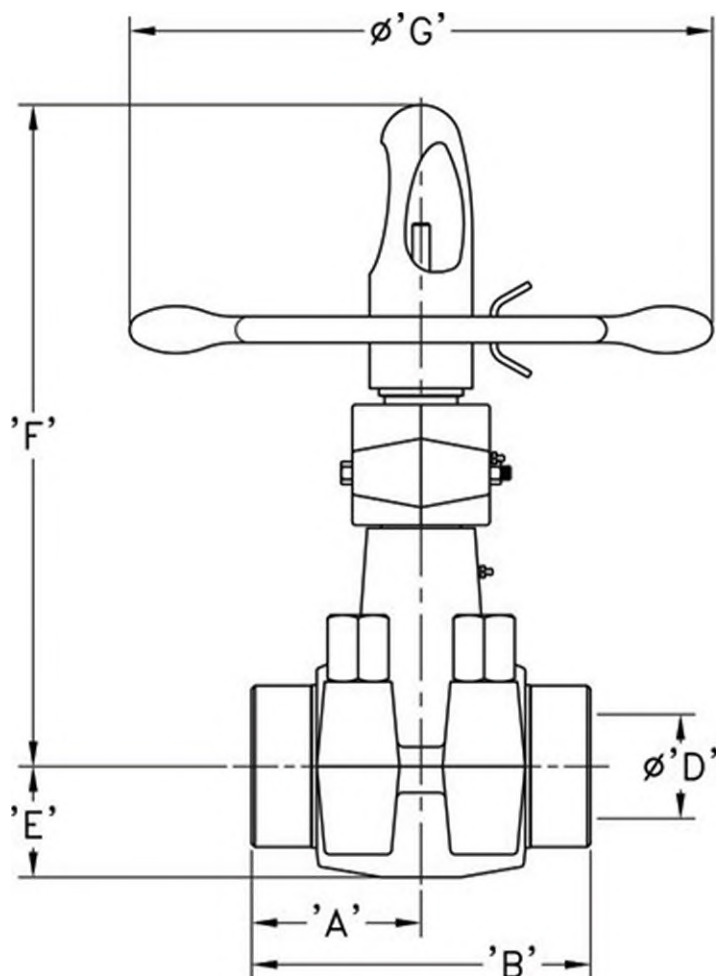
Directional leak test is performed at the Working Pressure (WP).

* - Sour Gas applications reduces working and test pressure.

NA - Not Applicable

NR - Not Recommended

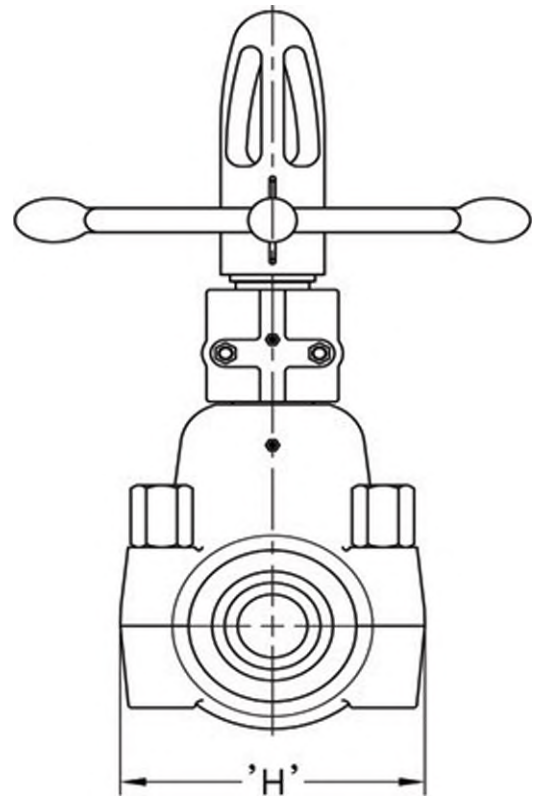
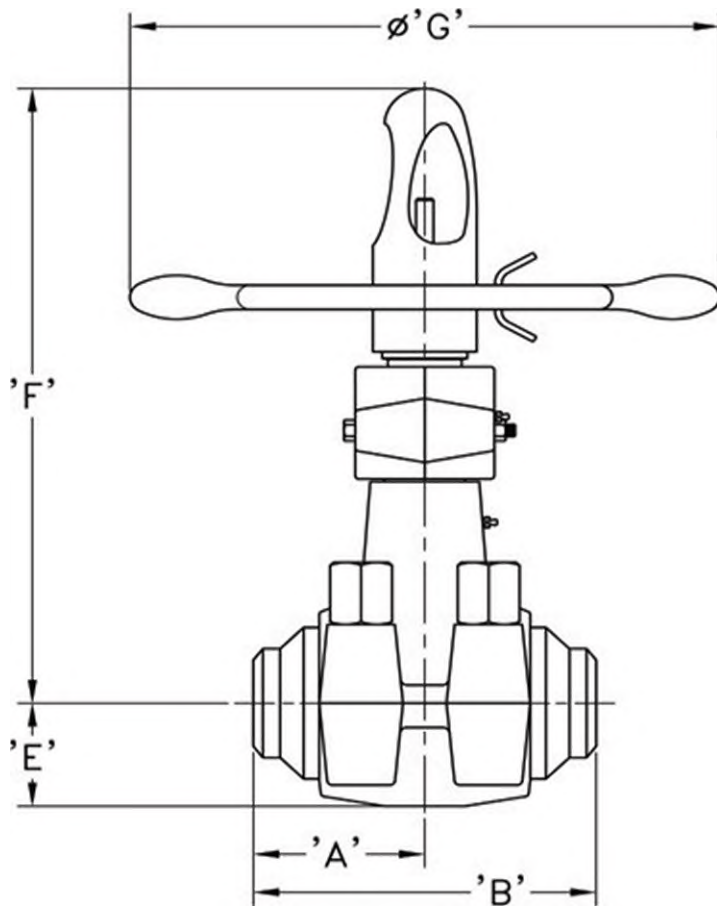
Weco 0 is a federally registered mark owned by FMC Technologies.



Line Pipe Threaded Gate Valve Assemblies - Inch (Metric mm)

DESCRIPTION	'A'	'B'	'D'	'E'	T	'G'	'H'
GV224,THREADED GATE VALVE,2"LP	3.69 (93.7)	7.38 (187.5)	2.06 (52.3)	2.38 (60.5)	13.19 (335.0)	14.00 (355.6)	7.88 (200.2)
GV236/250,THREADED GATE VALVE,2TP	4.50 (114.3)	9.00 (228.6)	2.06 (52.3)	2.81 (71.4)	16.00 (406.4)	17.00 (431.8)	7.56 (192.0)
GV324,THREADED GATE VALVE,3"LP	4.25 (108)	8.50 (215.9)	3.06 (77.7)	3.31 (84.1)	19.00 (482.6)	17.00 (431.8)	9.38 (238.3)
GV336/350,THREADED GATE VALVE,3TP	5.50 (139.7)	11.00 (279.4)	3.06 (77.7)	3.69 (93.7)	21.00 (533.4)	20.00 (508)	10.00 (254)
GV424,THREADED GATE VALVE,4"LP	5.50 (139.7)	11.00 (279.4)	4.06 (103.1)	3.88 (98.55)	23.88 (606.6)	20.00 (508)	10.63 (270.0)
GV436/450,THREADED GATE VALVE,4"LP	6.50 (165.1)	13.00 (330.2)	4.06 (103.1)	4.25 (108)	25.25 (641.4)	22.00 (558.8)	11.38 (289.1)
GV524,THREADED GATE VALVE,5"LP	6.50 (165.1)	12.00 (304.8)	4.06 (103.1)	3.88 (98.55)	23.88 (606.6)	20.00 (508)	10.63 (270.0)
GV536/550,THREADED GATE VALVE,5"LP	7.28 (184.9)	14.56 (369.8)	4.06 (103.1)	4.25 (108)	25.25 (641.4)	22.00 (558.8)	11.38 (289.1)

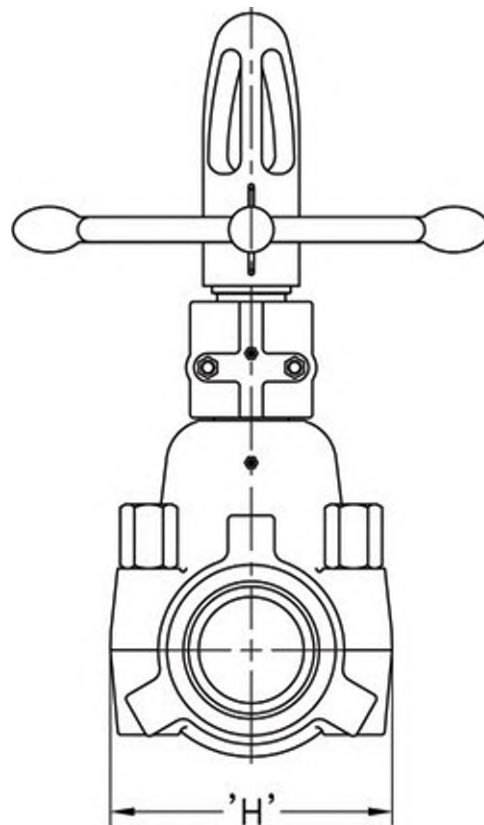
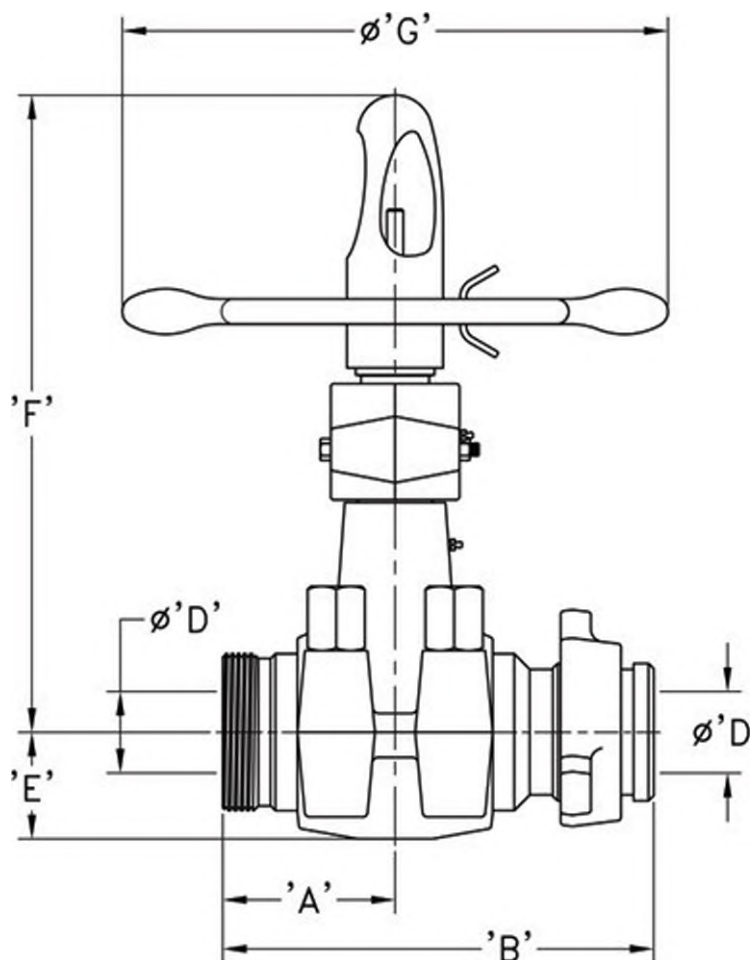
**** Dimensional values are reference. Custom and non-standard end connections will differ.**



Butt Weld Gate Valve Assemblies (all schedules) - Inch (Metric mm)

DESCRIPTION	'A'	•B1	'E*	•P	'G*	'H'
GV224.BUTT WELD GATE VALVE,2"	3.69 (93.7)	7.38 (187.5)	2.38 (60.5)	13.19 (335.0)	14.00 (355.6)	7.88 (200.2)
GV236/250.BUTT WELD GATE VALVE,2"	4.50 (114.3)	9.00 (228.6)	2.81 (71.4)	16.00 (406.4)	17.00 (431.8)	7.56 (192)
GV324.BUTT WELD GATE VALVE.3"	4.50 (114.3)	8.50 (215.9)	3.31 (84.1)	19.00 (482.6)	17.00 (431.8)	9.38 (238.3)
GV336/350.BUTT WELD GATE VALVE.3"	5.50 (139.7)	11.00 (279.4)	3.69 (93.7)	21.00 (533.4)	20.00 (508)	10 (254)
GV424,BUTT WELD GATE VALVE,4"	5.50 (139.7)	11.00 (279.4)	3.88 (98.6)	23.88 (606.6)	20.00 (508)	10.63 (270)
GV436/450.BUTT WELD GATE VALVE,4"	6.50 (165.1)	13.00 (330.2)	4.25 (108)	25.25 (641.4)	22.00 (558.8)	11.38 (289.1)
GV524.BUTT WELD GATE VALVE,5"	5.50 (139.7)	11.00 (279.4)	3.88 (98.6)	23.88 (606.6)	20.00 (508)	10.63 (270)
GV536/550.BUTT WELD GATE VALVE,5"	6.50 (165.1)	13.00 (330.2)	4.25 (108)	25.25 (641.4)	22.00 (558.8)	11.38 (289.1)

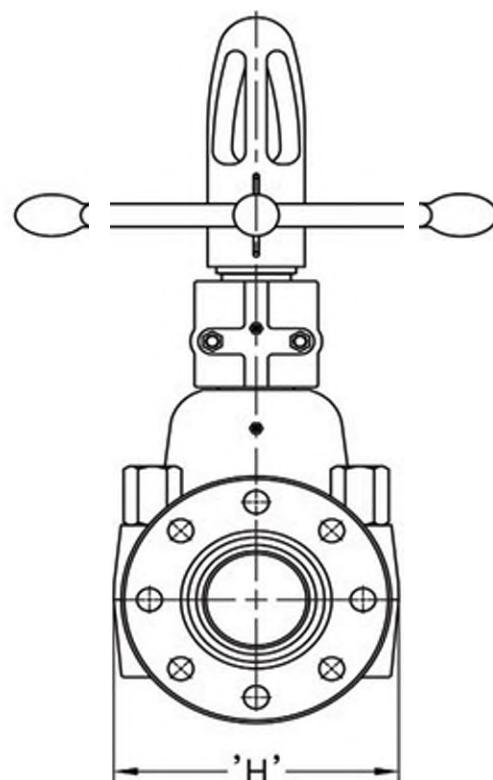
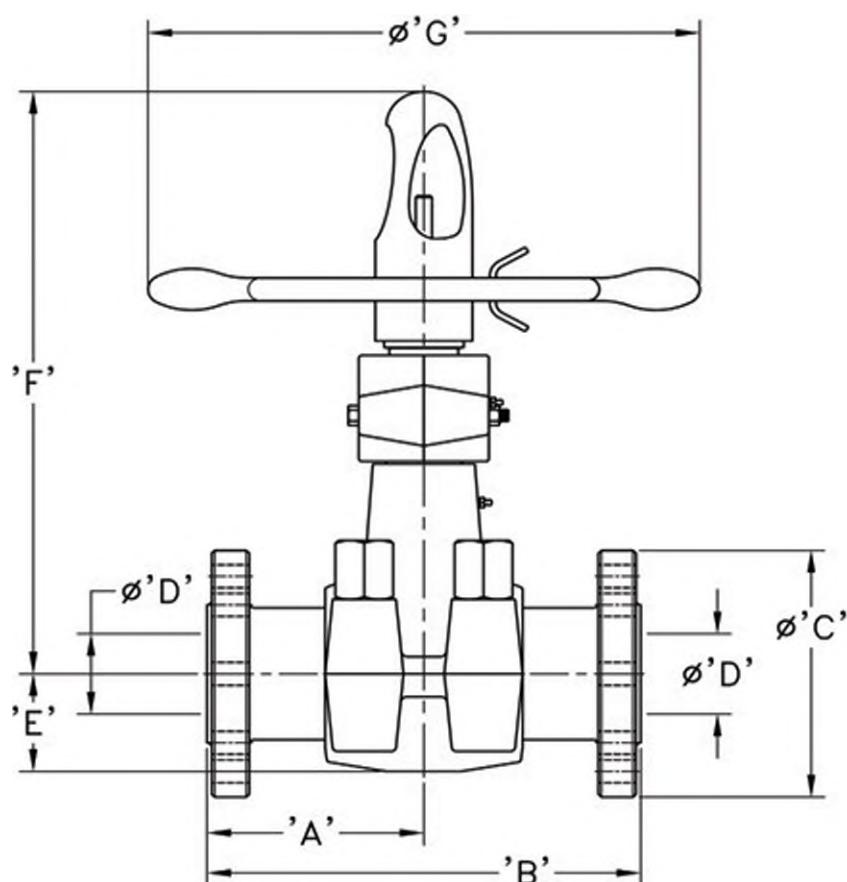
** Dimensional values are reference. Custom and non-standard end connections will differ.



FMC Weco Hammer Union Gate Valve Assemblies - Inch (Metric mm)

DESCRIPTION	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'
GV224.UNION GATE VALVE.2TIG.602.1002	4.38 (111.3)	11.00 (279.4)	1.88 (47.8)	1.88 (47.8)	2.38 (60.5)	13.19 (335.0)	14.00 (355.6)	7.88 (200.2)
GV236/250.UNION GATE VALVE.2TIG.602.1002.1502	5.69 (144.5)	12.88 (327.2)	1.88 (47.8)	1.88 (47.8)	2.81 (71.4)	16.00 (406.4)	17.25 (438.2)	7.56 (192.9)
GV324,UNION GATE VALVE.3TIG.602.1002	5.25 (133.4)	12.63 (320.8)	3.00 (76.2)	3.00 (76.2)	3.31 (84.1)	19.00 (482.6)	17.25 (438.2)	9.38 (238.3)
GV324,UNION GATE VALVE.3TIG.1502	5.25 (133.4)	12.63 (320.8)	2.75 (69.9)	2.75 (69.9)	3.31 (84.1)	19.00 (482.6)	17.25 (438.2)	9.38 (238.3)
GV336/350.UNION GATE VALVE.3TIG.602.1002	5.94 (150.9)	14.63 (371.6)	3.00 (76.2)	3.00 (76.2)	3.75 (95.25)	21.00 (533.4)	20.00 (508)	10 (254)
GV336/350.UNION GATE VALVE.3"FIG.1502	5.94 (150.9)	14.63 (371.6)	2.75 (69.9)	2.75 (69.9)	3.75 (95.25)	21.00 (533.4)	20.00 (508)	10 (254)
GV424.UNION GATE VALVE.4TIG.602	5.50 (139.7)	14.25 (362.0)	4.00 (101.6)	4.00 (101.6)	3.88 (98.6)	23.88 (606.6)	20.00 (508)	10.63 (270)
GV436/450.UNION GATE VALVE.4TIG.602.1002	6.94 (176.3)	17.38 (441.5)	4.00 (101.6)	4.00 (101.6)	4.25 (108.0)	25.25 (641.35)	22.00 (558.8)	11.38 (289.1)
GV524.UNION GATE VALVE.5TIG.602.1002	7.00 (177.8)	15.88 (403.4)	4.06 (103.1)	4.06 (103.1)	3.88 (98.6)	23.88 (606.6)	20.00 (508)	10.63 (270)
GV536/550.UNION GATE VALVE.5TIG.602/1002	7.25 (184.2)	16.38 (416.1)	4.06 (103.1)	4.06 (103.1)	4.25 (108.0)	25.25 (641.35)	22.00 (558.8)	11.38 (289.1)

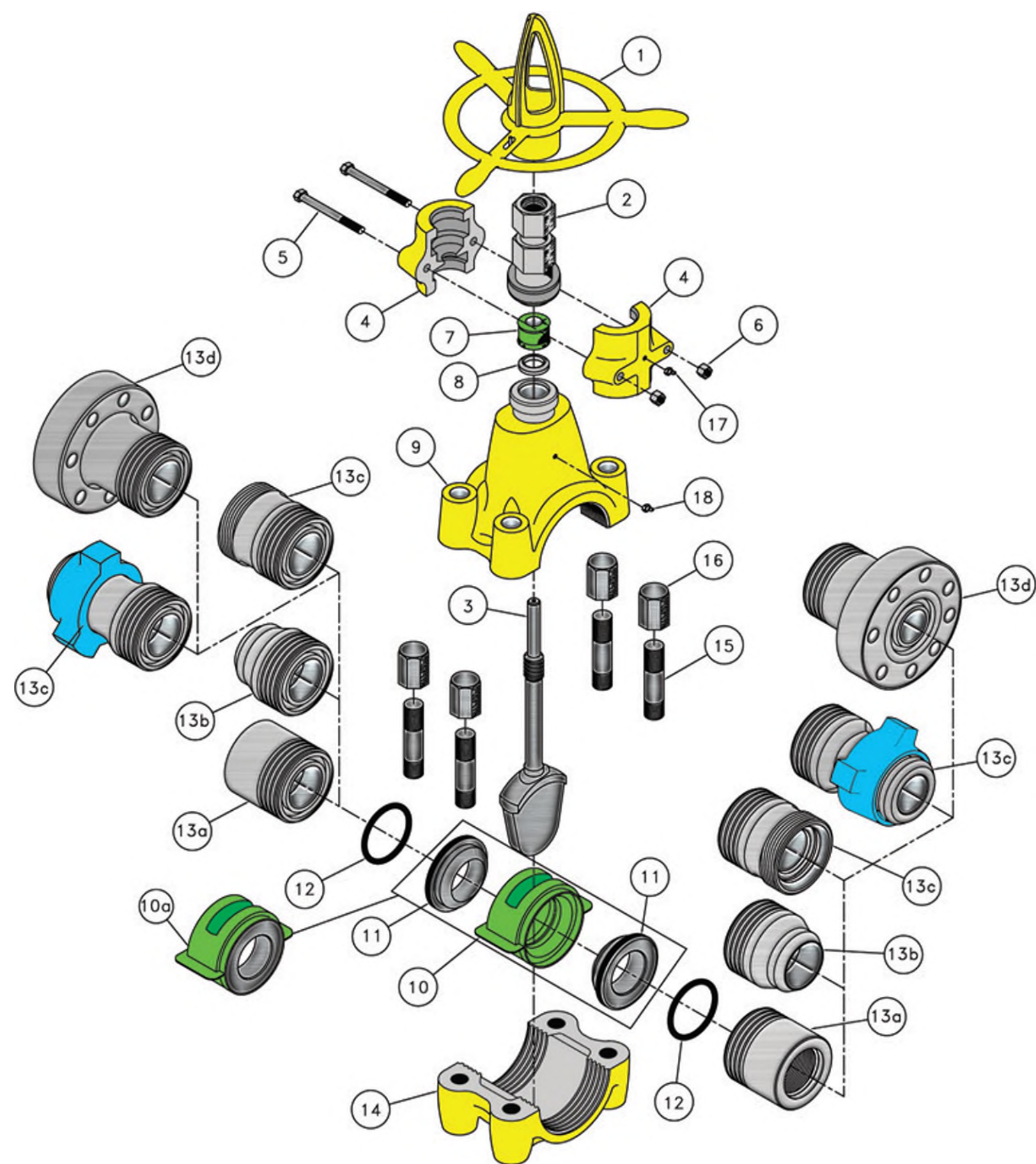
Dimensional values are reference. Custom and non-standard end connections will differ.



API Flanged Gate Valve Assemblies - nch (Metric mm)

DESCRIPTION	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'
GV224.FLANGED GATE VALVE.2.06-2K.RJ	5.81 (147.6)	11.63 (295.4)	6.50 (165.1)	2.06 (52.3)	2.38 (60.5)	13.19 (335.0)	14.00 (355.6)	7.88 (200.2)
GV236.FLANGED GATE VALVE.2.06-3K.RJ	5.81 (147.6)	11.63 (295.4)	8.50 (215.9)	2.06 (52.3)	2.81 (71.4)	16.00 (406.4)	17.00 (431.8)	7.56 (192.0)
GV250.FLANGED GATE VALVE.2.06-5K.RJ	5.81 (147.6)	11.63 (295.4)	8.50 (215.9)	2.06 (52.3)	2.81 (71.4)	16.00 (406.4)	17.00 (431.8)	7.56 (192.0)
GV324.FLANGED GATE VALVE.3.12-2K.RJ	7.06 (179.3)	14.13 (358.9)	8.25 (209.6)	3.06 (77.7)	3.31 (84.1)	19.00 (482.6)	17.00 (431.8)	9.38 (238.3)
GV336.FLANGED GATE VALVE.3.12-3K.RJ	7.06 (179.3)	14.13 (358.9)	9.50 (241.3)	3.06 (77.7)	3.69 (93.7)	21.00 (533.4)	20.00 (508.0)	10.00 (254)
GV350.FLANGED GATE VALVE.3.12-5K.RJ	7.81 (198.4)	15.63 (397.0)	10.50 (266.7)	3.06 (77.7)	3.69 (93.7)	21.00 (533.4)	20.00 (508.0)	10.00 (254)
GV424.FLANGED GATE VALVE.4.06-2K.RJ	8.56 (217.4)	17.13 (435.1)	10.75 (273.1)	4.06 (103.1)	3.88 (98.6)	23.88 (606.6)	20.00 (508.0)	10.63 (270.0)
GV436.FLANGED GATE VALVE.4.06-3K.RJ	8.19 (208.0)	16.38 (416.1)	11.50 (292.1)	4.06 (103.1)	4.25 (108.0)	25.25 (641.4)	22.00 (558.8)	11.38 (289.1)
GV450.FLANGED GATE VALVE.4.06-5K.RJ	9.00 (228.6)	18.00 (457.2)	12.25 (311.2)	4.06 (103.1)	4.25 (108.0)	25.25 (641.4)	22.00 (558.8)	11.38 (289.1)
GV524.FLANGED GATE VALVE.5.12-2K.RJ	8.56 (217.4)	17.13 (435.1)	13.00 (330.2)	4.06 (103.1)	3.875 (98.4)	23.88 (606.6)	20.00 (508.0)	10.63 (270.0)
GV536.FLANGED GATE VALVE.5.12-3K.RJ	8.19 (208.0)	16.38 (416.1)	13.75 (349.3)	4.06 (103.1)	4.25 (108.0)	25.25 (641.4)	22.00 (558.8)	11.38 (289.1)
GV550.FLANGED GATE VALVE.5.12-5K.RJ	9.00 (228.6)	18.00 (457.2)	14.75 (374.7)	4.06 (103.1)	4.25 (108.0)	25.25 (641.4)	22.00 (558.8)	11.38 (289.1)

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