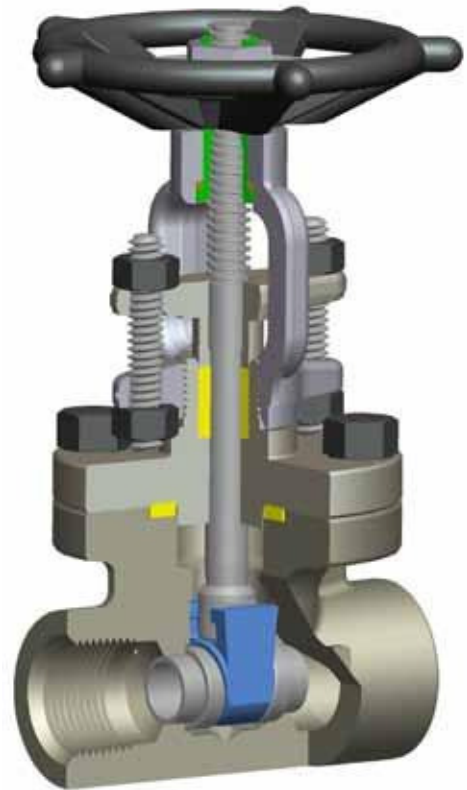


12111 Gate Valve

Class 800 Gate Valve

- 1 Conventional Port
- 2 Full Port



See pages 22 - 24

The Core of the Pressure Class 150, 300, 600 & 800 Gate Valve

CONNECTION	SERIES		BODY/BONNET	TRIM	RATING	
	1	2				
Threaded Socket Weld (SW) Threaded/Socket Weld (TSW) Butt Weld (BW)*	12111	13111	A105	13 Cr	1975 PSI @ 100 F	136.2 BAR @ 38 C
	32111	33111	A350 LF2	13 Cr	1975 PSI @ -50 F	136.2 BAR @ -46 C
	12401	13401	F316/F316L	316	1920 PSI @ 100 F	132.4 BAR @ 38 C
	82401	83401	F316H	316H		
	12321	13321	F11,Cl.2(1-1/4 Cr.)	13 Cr	2000 PSI @ 100 F	137.9 BAR @ 38 C
	12521	13521	F22,Cl.3(2-1/4 Cr.)			
	12421	13421	F5(5 Cr.)			
	12921	13921	F9(9 Cr.)			

*See page 26 for Butt Weld Ends

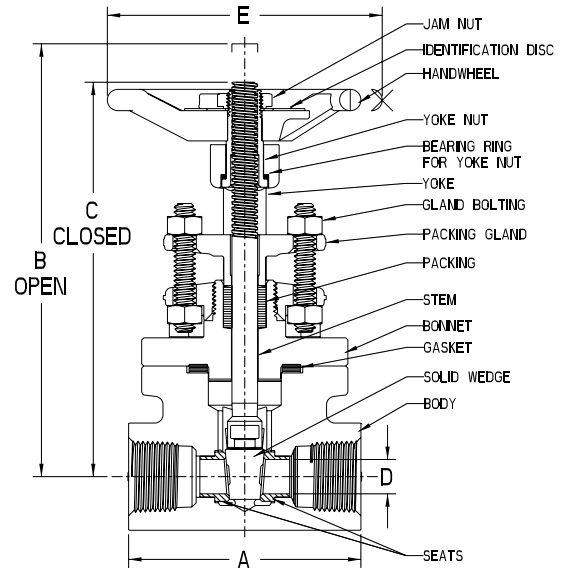
(UOP) Universal Oil Products Approved - For HF Alkylation Service						
CONNECTION	1	2	BODY/BONNET	TRIM	RATING	
Threaded	12111HF6	13111HF4	A105	Monel	1975 PSI @ 100 F	136.2 BAR @ 38 C
Socket Weld (SW)	12111HF7	13111HF5	A105	Monel	1975 PSI @ 100 F	136.2 BAR @ 38 C

12111 Gate Valve

Class 800 Gate Valve

- 1 Conventional Port
- 2 Full Port

Round Bolted Bonnet
 Spiral Wound Gasket
 Outside Screw & Yoke
 Bolted Gland
 Solid Wedge
 Hard Faced Seats
 API 602 (3" is outside of the scope)
 ASME B16.34



Dimensions

SIZE			A	B	C	D	E	WEIGHT	Cv	
-04	NPS	½	3.38	6.30	5.74	.50	4.00	5.0	9.6	1
	DN	15	86	160	146	12.7	102	2.3		
-05	NPS	¾	3.38	6.30	5.74	.50	4.00	4.8	9.7	
	DN	20	86	160	146	12.7	102	2.2		
-06	NPS	1	4.00	8.37	7.43	.75	4.75	8.4	20.3	
	DN	25	102	213	189	19.1	121	3.8		
-07	NPS	1¼	4.75	10.12	8.71	1.25	5.75	16.7	80.5	
	DN	32	121	257	221	31.8	146	7.6		
-08	NPS	1½	4.75	10.12	8.71	1.25	5.75	16.2	91.6	
	DN	40	121	257	221	31.8	146	7.3		
-09	NPS	2	5.25	11.12	9.40	1.50	7.00	21.8	117.6	
	DN	50	133	282	239	38.1	178	9.9		
-10	NPS	2½	7.00	14.09	11.76	2.00	8.00	39.8	174	
	DN	65	178	358	299	50.8	203	18.1		
-11	NPS	3	8.00	17.96	15.01	2.75	9.75	75.0	203.9	API 602 and LP2 ONLY
	DN	80	203	456	381	69.9	248	34.0		

-04	NPS	½	3.38	6.30	5.75	.50	4.00	5.0	9.6	2
	DN	15	86	160	146	12.7	102	2.3		
-05	NPS	¾	4.0	8.37	7.43	.75	4.75	8.6	28.7	
	DN	20	102	213	189	19.1	121	3.9		
-06	NPS	1	4.38	9.80	8.59	1.0	5.75	12.2	46.5	
	DN	25	111	249	218	25.4	146	5.5		
-07	NPS	1¼	4.75	10.12	8.71	1.25	5.75	16.7	80.5	
	DN	32	121	257	221	31.8	146	7.6		
-08	NPS	1½	5.25	11.12	9.40	1.50	7.0	23.0	109.6	
	DN	40	133	282	239	38.1	178	10.4		
-09	NPS	2	7.00	14.09	11.76	2.00	8.0	41.8	181.0	
	DN	50	178	358	299	50.8	203	19.0		

Refer to page 8 for optional trim and service configurations.

Refer to pages 11-12 for full materials description.

Refer to page 113 for end connections.

Refer to pages 116-117 for other ratings.