

FLOWSERVE

Vogt Valves

*Catalog
and Application
Manual*

Vogt Valves

VVACT0000-01
(Replaces VV200)

Gate Valve Index *(cont.)*

Press. Class	Material	Bonnet Joint	End Connection	Bonnet Type	SERIES
800 (cont.)	A182 F11, CL2	Bolted	Threaded	OS&Y	12321
			Socket Weld	OS&Y	SW12321
	A182 F22 CL 3	Bolted	Threaded	OS&Y	12521
			Socket Weld	OS&Y	SW12521
1500	A105	Bolted	Threaded	OS&Y	15111, 16111, 1033, 1043
			Socket Weld	OS&Y	SW15111, SW16111, SW1043, SW1033
			Flanged	OS&Y	15373, 11603, 11683
		Weld	Threaded	OS&Y	15801
			Socket Weld	OS&Y	SW15801
			Male Cpt x Fem Thd	OS&Y	ST15801
	A350 LF2	Bolted	Threaded	OS&Y	35111
			Socket Weld	OS&Y	SW35111
	A182 F316/F316L	Bolted	Threaded	OS&Y	15401
			Socket Weld	OS&Y	SW15401
		Weld	Threaded	OS&Y	15831
			Socket Weld	OS&Y	SW15831
	A182 F11, CL.2	Bolted	Threaded	OS&Y	15321
			Socket Weld	OS&Y	SW15321
2500	A105	Welded	Threaded	OS&Y	66703
			Socket Weld	OS&Y	SW66703
	A182 F11, CL2	Welded	Threaded	OS&Y	66713
			Socket Weld	OS&Y	SW66713
	A182 F22, CL.3	Welded	Socket Weld	OS&Y	SW66773

Globe Valve Index

Press. Class	Material	Bonnet Joint	End Connection	Bonnet Type	SERIES
150	A105	Bolted	Flanged	OS&Y	473, 473B
		Bolted	Thd/SW	OS&Y	See Class 800
	A350 LF2	Bolted	Flanged	OS&Y	32473
300	A105	Bolted	Flanged	OS&Y	483, 483B, 22483CL
		Bolted	Thd/SW	OS&Y	See Class 800
	A350 LF2	Bolted	Flanged	OS&Y	32483
600	A105	Bolted	Flanged	OS&Y	493, 493B, 22493CL, 22493MT, 10403
		Bolted	Thd/SW	OS&Y	See Class 800
	A350 LF2	Bolted	Flanged	OS&Y	32493
800	A105	Bolted	Threaded	OS&Y	12141, 12141B, 13141, 22141 12443, 22461, 10103, 1971
				ISS	12181
			Socket Weld	OS&Y	SW12141, 12141B, SW13141 SW22141, SW12443, SW22461 SW10103, SW1971
				ISS	SW12181
				OS&Y	TT12141
			Weld	OS&Y	ST 12141
		OS&Y		CT12141	
		OS&Y		2821, 810	
		OS&Y		SW2821, SW810	

Forged Globe Valves

Class 800 (PN 130)

Conventional Port

1975 PSI @ 100°F (136.2 BAR @ 38°C)

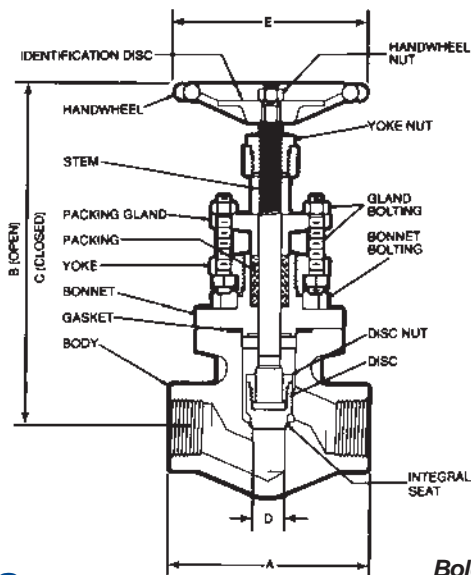
For other ratings see pgs. 112-115

SERIES NUMBER

Body/Bonnet	Threaded	Socket Weld
A105	12141	SW12141
	12141T+	SW12141T+
		Trim: 13% Cr.
		Seat: HF
	12141FHF	SW12141FHF
		Trim: 13% Cr.
		Disc/Seat: HF
		SW12141HF6
		SW12141HF7
		Trim: 13% Cr.
		Seat: HF
	12141F8M	SW12141F8M
		Trim: 316
		Seat: HF
	12141MB8	SW12141MB8
		Trim: 316
		Disc/Seat: HF
	12141MM	SW12141MM
		Trim: Monel
		Seat: HF
A350 LF2	32141	SW32141
		Trim: 13% Cr.
		Seat: HF
	32141F8M	SW32141F8M
		Trim: 316
		Seat: HF
	32141MB8	SW32141MB8
		Trim: 316
		Disc/Seat: HF

HYDROFLUORIC ACID
(HF) ALKYLATION
VALVES.
UOP APPROVED.

MATERIALS MEET
REQUIREMENTS OF
NACE STANDARD
MR-01-75 FOR
SOUR SERVICE



- Round Bolted Bonnet
- Spiral Wound Gasket
- Outside Screw & Yoke
- Bolted Gland
- Loose Disc
- Integral Hard Faced Seat
- ASME B16.34

Dimensions

Bold face numerals are in inches and pounds.
Blue numerals are in millimeters and kilograms.

Size	NPS	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
	DN	8	10	15	20	25	32	40	50
A-End-to-End		3.75 95	3.75 95	3.75 95	4.00 102	4.62 117	6.25 159	6.25 159	7.75 197
B-Open		6.62 168	6.62 168	6.62 168	6.62 168	8.44 214	10.38 264	10.38 264	10.88 276
C-Closed		6.19 157	6.19 157	6.19 157	6.19 157	7.81 198	9.47 241	9.47 241	9.81 249
D-Seat Diameter		.50 12.7	.50 12.7	.50 12.7	.50 12.7	.75 19.1	1.28 32.5	1.28 32.5	1.53 38.9
E-Handwheel Diameter		4.00 102	4.00 102	4.00 102	4.00 102	4.75 121	5.75 146	5.75 146	7.00 178
Weight		4.8 2.2	4.8 2.2	4.3 2.0	5.0 2.3	8.7 3.9	20.9 9.5	20.2 9.2	29.9 13.6

*Valves contain TEFLON – maximum temperature 500°F.
Refer to pages 116-120 for full materials description.

For Cv factors see page 123, Valve Matrix J.