

Forged Gate Valves

Class 800 (PN 130)

Conventional Port

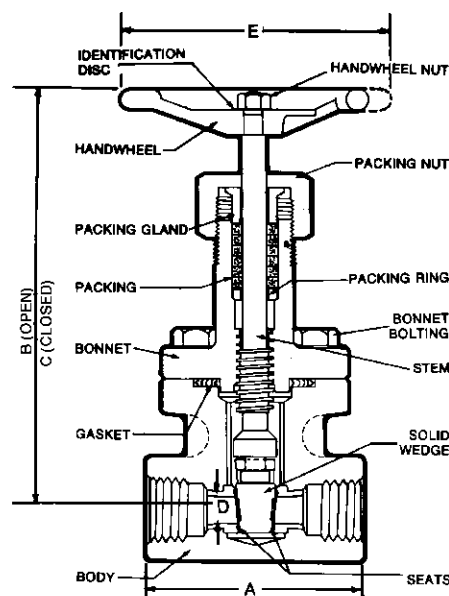
1975 PSI @ 100°F
(136.2 BAR @ 38°C)

For other ratings see pgs. 112-115

A105 Body/Bonnet

SERIES NUMBER

Threaded	Socket Weld
12161	SW12161
	Trim: 13% Cr.
	Seats: HF
12161F8M	SW12161F8M
	Trim: 316
	Seats: HF
12161MM	SW12161MM
	Trim: Monel



- Round Bolted Bonnet
- Spiral Wound Gasket
- Inside Screw Stem
- Screw Gland
- Solid Wedge
- Hard Faced Seats
- API 602
- ASME B16.34

Dimensions

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

Size	NPS DN	1/4 8	3/8 10	1/2 15	3/4 20	1 25	1-1/4 32	1-1/2 40	2 50
A-End-to-End		2.75 70	2.75 70	3.38 70	3.38 86	4.00 102	4.75 121	4.75 121	5.25 133
B-Open		6.44 164	6.44 164	6.44 164	6.44 164	8.31 211	10.75 273	10.75 273	12.25 311
C-Closed		5.88 149	5.88 149	5.88 149	5.88 149	7.38 187	9.38 238	9.38 238	10.56 268
D-Seat Diameter		.31 7.9	.31 7.9	.50 12.7	.50 12.7	.75 19.1	1.25 31.8	1.25 31.8	1.50 38.1
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		4.3 2.0	4.3 2.0	4.8 2.2	4.7 2.1	7.9 3.6	16.4 7.4	16.1 7.3	23.6 10.7

Refer to pages 116-120 for full materials description.

For Cv factors see page 123, Valve Matrix A.