

Forged Gate Valves

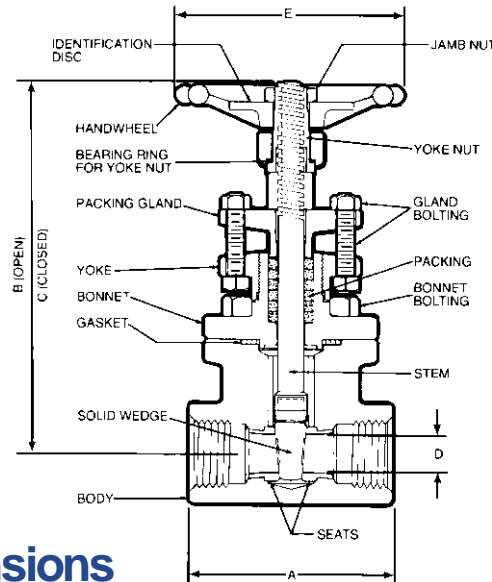
Class 800 (PN 130) Conventional Port

1920 PSI @ 100°F (132.4 BAR @ 38°C)

For other ratings see pgs. 112-115

SERIES NUMBER

Body/Bonnet	Threaded	Socket Weld	THD/SW
F316/F316L	12401 12401T+	SW12401 SW12401T+	TSW12401
	12401FHF	SW12401FHF	Trim: 316 Seats: HF
F316H	82401	SW82401	Sizes 1/2-2 (No 1-1/4) Trim: 316H Seats: HF
	82401FHF	SW82401	Sizes 1/2-2 (No 1-1/4) Trim: 316H Wedge/Seats: HF



- Round Bolted Bonnet
- Spiral Wound Gasket
- Outside Screw & Yoke
- Bolted 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 86	3.38 86	4.00 102	4.75 121	4.75 121	5.25 133
B-Open		6.19 157	6.19 157	6.38 162	6.38 162	8.31 211	10.12 257	10.12 257	11.10 282
C-Closed		5.75 146	5.75 146	5.75 146	5.75 146	7.38 187	8.69 221	8.69 221	9.41 239
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		4.9 2.2	4.8 2.2	5.0 2.3	4.9 2.2	8.3 3.8	16.6 7.5	16.0 7.3	21.8 9.9

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

For Cv factors see page 123, Valve Matrix A.

GATE
CLASS 800 (PN 130)
12401, 82401