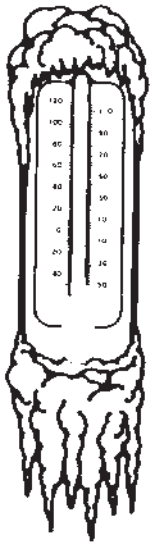
Forged Gate Valves – ASTM A350, GRADE LF2 Class 800 and Class 1500 Valves

FOR APPLICATIONS WHERE TEMPERATURES TO –50°F (–46°C) ARE THE RULE NOT THE EXCEPTION!

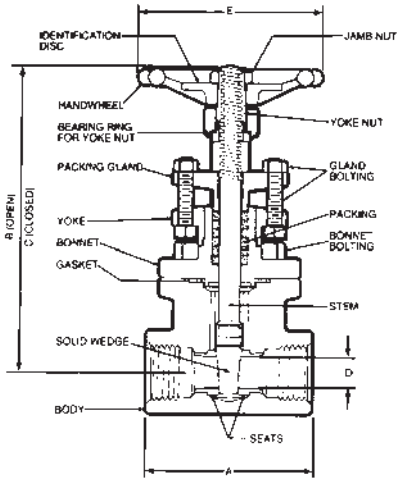
PRESSURE-TEMPERATURE RATINGS		
Service Temperature (°F)	**CLASS 800** ASTM A350, GR. LF2 (1) (2) PSI	**CLASS 1500** ASTM A350, GR. LF2 (1) (2) PSI
–50 to 100	1975	3705
200	1800	3375
300	1750	3280
400	1690	3170
500	1595	2995
600	1460	2735
700	1420	2665
800	1100	2060

(1) Ratings are in accordance with ASME/ANSI B16.34-96.
(2) Permissible but not recommended for prolonged use above 800°F (427°C).



PRESSURE-TEMPERATURE RATINGS		
Service Temperature (°C)	**PN 130 (CLASS 800)** ASTM A350, GR. LF2 (1) (2) BAR	**PN 260 (CLASS 1500)** ASTM A350, GR. LF2 (1) (2) BAR
–46 to 38	136.2	255.5
50	133.5	250.5
100	123.7	232.0
150	120.6	226.0
200	116.9	219.2
250	111.2	208.8
300	103.3	193.6
400	92.1	172.5
425	76.9	144.0

- Traceable Parts From Stock
- Machined Parts Heat Treated to ASTM A350, Grade LF2
- Charpy Impact Tested
- Verified Strength and Toughness
- Flexible Graphite Packing
- Flexible Graphite Filled Gasket
- API 602
- ASME B16.34



Class 800 (PN 130)*

Conventional Port

1975 PSI @ 100°F (136.2 BAR @ 38°C)

A350, GR. LF2 Body/Bonnet

Series Number Threaded	Socket Weld Size 1/2"-2"	
32111	**SW32111**	**Trim: 13% Cr. Seats: HF**
32111F8M	**SW32111F8M**	**Trim: 316 Seats: HF**
32111MB8	**SW32111MB8**	**Trim: 316 Wedge/Seats: HF**

See Dimensions on Pg. 18

Refer to pages 116-120 for full materials description.

Class 1500 (PN 260)*

Conventional Port

3705 PSI @ 100°F (255.5 BAR @ 38°C)

A350, GR. LF2 Body/Bonnet

Series Number Threaded	Socket Weld Size 1/2"-2"	
35111	**SW35111**	**Trim: 13% Cr. Seats: HF**
35111F8M	**SW35111F8M**	**Trim: 316 Seats: HF**
35111MB8	**SW35111MB8**	**Trim: 316 Wedge/Seats: HF**

See Dimensions on Pg. 38

For Cv factors see page 123, Valve Matrix A.

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

***NOTE: Other Vogt valves are also offered in A350-LF2 construction. See individual pages of VV200 Catalog.**