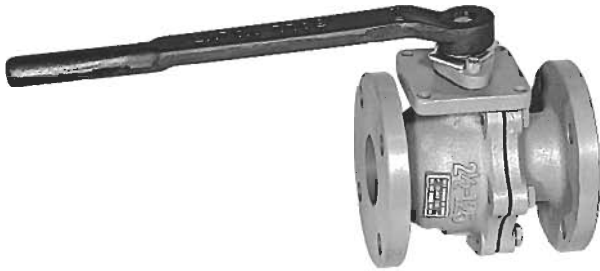




## Series G-4000 / G-4000-FDA Iron Flanged Ball Valves 2" to 10"



### Features

- Same end-to-end dimensions as conventional flanged iron gate valves
- Fast quarter-turn open or closed operation
- Stainless steel ball and stem
- Positive shut-off
- Two-piece body construction

### Specifications

Approved valves shall comply with the American standard for face-to-face dimensions (ANSI 16.10) for Class 125 iron flanged gate valves. The dimensions and drilling of end flanges shall conform to the American cast iron flange standard, Class 125 (ANSI B16.1). The ball valve shall be a Watts Regulator Company Series G-4000.

### Pressure — Temperature

Maximum Temperature: 140°F

CWP (non-shock): 200psi

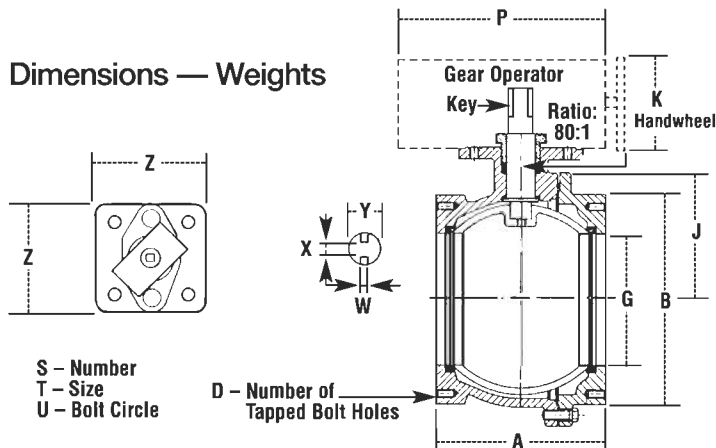
### Capacity

### Valve Operating Torque – Ratings

SIZE	CV RATINGS	MAX. OPERATING TORQUE
in.		in./lbs.
8	9000	*8860
10	12400	*10,630

\* Standardly furnished with gear operator.

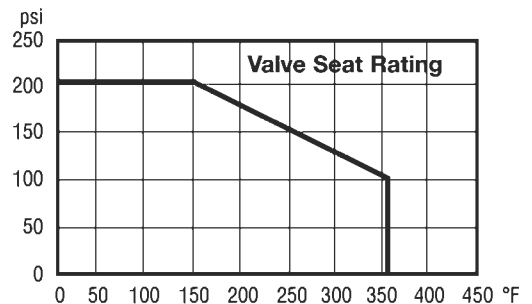
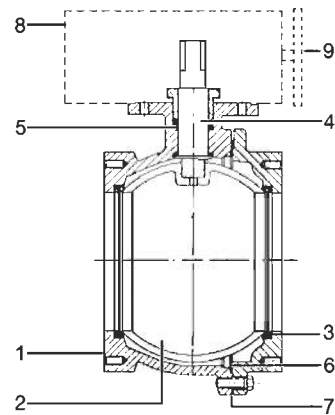
### Dimensions — Weights



Series G-4000 features a full port, cast iron construction with stainless steel ball & stem. G-4000-FDA is the same except it has an electrostatically applied heat fused epoxy coating (interior & exterior).

### Materials

1. Body – Cast iron, ASTM A126 Class B
2. Ball – 304 stainless steel, ASTM A351
3. Seat – PTFE
4. Stem – 304 stainless steel, AISI 304
5. Packing – PTFE
6. Gasket – PTFE
7. Bolt and Nut – Steel, ASTM A6
8. Gear Operator – Cast iron
9. Handwheel – Ductile iron



SIZES (DN)	A	B	D	G	J	K	P	S	T	U	W	X	Y	Z
2"	7	6	4	2	3	2	9	4	1/2-13UNC	3.24	.62	1	.62	2.29
2-1/4"	7.5	7	4	2.5	3.7	2	16	4	1/2-13UNC	4.14	.75	1	.75	2.92
3"	8	7.5	4	3	4	2.2	16	4	1/2-13UNC	4.14	.75	1	.75	2.92
4"	9	9	8	4	4.8	2.2	19.7	4	1/2-13UNC	4.14	.94	1	.94	2.92
6"	10.5	11	8	6	7.2	2.84	26	4	5/8-11UNC	5.12	1.55	1.66	1.06	3.62
8"	11.5	13.5	8	8	10.24	5.51	-	4	3/4-10UNC	7.09	-	-	-	5.01
10"	13	16	12	10	11.81	5.51	-	4	3/4-10UNC	7.09	-	-	-	5.01

4  
Valves

A  
Ball & Gate  
Valves

B  
Regulators

C  
Automatic  
Control  
Valves