



**FNPT
1PRG6**



**Socket
Weld
1PRH5**

Forged Carbon Steel Gate Valves

- Max. pressure: 1460 psi steam; 1975 psi CWP
- Max. temp.: 850°F

Class 800 valves withstand high pressures and temperatures. Carbon steel body construction with 410 stainless steel rising stem and wedge, and carbon steel handwheel. With outside screw and yoke and bolted bonnet. Meet API 602, BS 5352, ASTM A105, and NACE MR-0175.

Pipe Size	Inlet to Outlet Length	Top of Handle to Inlet Center	FNPT Item No.	Socket Item No.
¼ in	3 ¼ in	6 ½ in	1PRG6	1PRH5
¾ in	3 ¾ in	6 ½ in	1PRG7	1PRH6
½ in	3 ¾ in	6 ¾ in	1PRG8	1PRH7
¾ in	3 ¾ in	6 ¾ in	1PRG9	1PRH8
1 in	4 ¾ in	7 ½ in	1PRH1	1PRH9
1 ¼ in	4 ¾ in	9 ¼ in	1PRH2	1PRJ1
1 ½ in	4 ¾ in	9 ¼ in	1PRH3	1PRJ2
2 in	5 ¾ in	11 ¾ in	1PRH4	1PRJ3



**Flanged
1PRG1**



**FNPT
1PRJ4**



**FNPT
4VMV9**

Stainless Steel Gate Valves

Ideal for refinery, chemical, and other process applications.

CLASS 150 FLANGED

- Max. pressure: 150 psi steam; 275 psi CWP
- Max. temp.: 450°F

Corrosion-resistant valves feature a flexible gate to assure proper placement; valves can absorb pipe stress without leaking. Rising stem is 316 stainless steel; handwheel is cast-iron. With bolted bonnet and outside screw and yoke. Meet API 603 and ASTM-A351.

CLASS 200

- Max. pressure: 200 psi CWP
- Max. temp.: 365°F

Corrosion-resistant construction with 316 stainless steel nonrising stem, bonnet, body, and wedge. Aluminum handwheels.

CLASS 800

- Max. pressure: 1225 psi steam; 1600 psi CWP
- Max. temp.: 850°F

Forged 316L stainless steel bonnet and body provide excellent corrosion resistance and withstand high pressures and temperatures. Rising stem and wedge are 316 stainless steel; carbon steel handwheel. Feature outside screw and yoke and bolted bonnet. Meet API 602 and ASTM A182.

Pipe Size	Inlet to Outlet Length	Top of Handle to Inlet Center	Class 150 Flange Item No.
1 in	5 in	9 in	1PRG1
1 ½ in	6 ½ in	11 in	1PRG2
2 in	7 in	12 ½ in	1PRG3
3 in	8 in	16 ½ in	1PRG4
4 in	9 in	20 in	1PRG5

Pipe Size	Inlet to Outlet Length	Top of Handle to Inlet Center	Class 200 FNPT Item No.	Socket Item No.
½ in	2 17/100 in	3 47/50	4VMV9	—
¾ in	2 9/25 in	4 21/100	4VMW1	—
1 in	2 14/25 in	4 33/100	4VMW2	—
1 ¼ in	2 19/20 in	5 3/25	4VMW3	—
1 ½ in	3 7/20 in	5 79/100	4VMW4	—
2 in	3 37/50 in	6 69/100	4VMW5	4VMX2

Pipe Size	Inlet to Outlet Length	Top of Handle to Inlet Center	Class 800 FNPT Item No.	Socket Item No.
½ in	3 ½ in	5 ½ in	1PRJ4	1PRK1
¾ in	3 ¾ in	5 ¾ in	1PRJ5	1PRK2
1 in	4 ¼ in	6 ¾ in	1PRJ6	1PRK3
1 ¼ in	5 in	7 ½ in	1PRJ7	1PRK4
1 ½ in	5 in	8 ¾ in	1PRJ8	1PRK5
2 in	5 ½ in	9 ¾ in	1PRJ9	1PRK6



4HCK7



1JFL8

Aluminum and Cast- and Ductile-Iron Flanged Gate Valves

MILWAUKEE, 4HCK7

- Double disc
- Bronze stem and wedge; aluminum handwheel

Meets TTMA and conforms to MIL-V-58039 Type 1.

MILWAUKEE, CLASS 125

- Cast-iron bonnet, wedge, and handwheel

Meet MSS SP-70.

NIBCO, CLASS 125

- Ductile-iron bonnet, wedge, and handwheel

Low-lead and certified for use in potable water applications. Meet AWWA C509.

WATTS, CLASS 200

- Cast-iron bonnet, wedge, and handwheel

Suitable for throttling. Meet ASTM A126 Class B Iron, AWWA 509, FM, and MSS-SP-70. UL and C-UL Listed.

WATTS, CLASS 250

- Cast-iron bonnet, wedge, and handwheel

Epoxy-coated valve is used in fire protection applications. Suitable for throttling. Meet ASTM A126 Class B Iron, AWWA 509, FM, and MSS-SP-70. UL and C-UL Listed.



Pipe Size	Inlet to Outlet Length	Top of Handle to Inlet Center	Max. Water Pressure - CWP	Valve Max. Fluid Temp.	Aluminum, Rising Stem Item No.	
Milwaukee Valve	4 in	5 ¾ in	14 ½ in	125 psi	180 °F	4HCK7

Pipe Size	Inlet to Outlet Length	Max. Water Pressure - CWP	Valve Max. Fluid Temp.	Class 125, Cast Iron, Rising, Brass Stem Top of Handle to Inlet Center Item No.	Class 125, Cast Iron, Non-Rising, Brass Stem Top of Handle to Inlet Center Item No.	Class 125, Cast Iron, Non-Rising, Stainless Steel Stem Top of Handle to Inlet Center Item No.	
Milwaukee Valve	2 in	7 in	200 psi	353 °F	14 ¾ in 1JFL8	12 in 5JMC2	12 ¼ in 5MPH4
	2 ½ in	7 ½ in	200 psi	353 °F	16 ½ in 1JFL9	13 ¼ in 5JMC3	13 ¼ in 5MPH5
	3 in	8 in	200 psi	353 °F	18 ½ in 1JGL1	15 in 5JMC4	15 in 5MPH6
	4 in	9 in	200 psi	353 °F	23 ¾ in 1JGL2	17 ¾ in 5JMC5	17 ¾ in 5MPH7
	5 in	10 in	200 psi	353 °F	28 ¾ in 1JGL3	20 ½ in 5JMC6	20 ½ in 5MPH8
	6 in	10 ½ in	200 psi	353 °F	32 ½ in 1JGL4	23 ½ in 5JMC7	23 ½ in 5MPH9
	8 in	11 ½ in	200 psi	353 °F	39 ¾ in 1JGL5	27 ¾ in 5JMC8	—

Pipe Size	Inlet to Outlet Length	Top of Handle to Inlet Center	Max. Water Pressure - CWP	Valve Max. Fluid Temp.	Class 125, Ductile-Iron, Non-Rising Stem Item No.
NIBCO	2 in	7 in	10 in	300 psi	160 °F 1WPD4
	2 ½ in	7 ½ in	11 ¾ in	300 psi	160 °F 1WPD5
	3 in	8 in	12 ½ in	300 psi	160 °F 1WPD6
	4 in	9 in	13 ½ in	300 psi	160 °F 1WPD7
	6 in	10 ½ in	17 ½ in	300 psi	160 °F 1WPD8
	8 in	11 ½ in	20 ¾ in	300 psi	160 °F 1WPD9

Pipe Size	Inlet to Outlet Length	Max. Water Pressure - CWP	Valve Max. Fluid Temp.	Class 200, Cast-Iron, Non-Rising Stem Top of Handle to Inlet Center Item No.	Class 250, Cast-Iron Top of Handle to Inlet Center Item No.	
Watts	2 ½ in	7 ½ in	200 psi	140 °F	9 ½ in 1RCY4	
	2 ½ in	7 ½ in	250 psi	140 °F	—	16 ½ in 1RCZ1
	3 in	8 in	200 psi	140 °F	10 ½ in 1RCY6	—
	3 in	8 in	250 psi	140 °F	—	18 ½ in 1RCZ3
	4 in	9 in	200 psi	140 °F	12 ½ in 1RCY8	—
	4 in	9 in	250 psi	140 °F	—	22 ¾ in 1RCZ4