All dimensions are in inches and pounds.

611F SERIES Apollo International



FEATURES:

Compatible with ANSI 125# & 150# Flanges Full Port Bronze Mounted Seat Rings Solid Wedge Adjustable Graphite Stem Packing Outside Screw and Yoke Bolted Bonnet Back Seat Protection

STANDARDS:

MSS SP-70

"Gray Iron Gate Valves Flanged and Threaded" ASME B16.10

"Face-to-Face and End-to-End Dimensions of Valves"

PERFORMANCE RATING:

Saturated Steam:

125 psi (8.6 Bar) to 353°F (178°C) (2"-12") 100 psi (6.9 Bar) to 338°F (170°C) (14"-24")

Cold Working Pressure:

200 psi (13.8 Bar) at 100°F (2"-12") 150 psi (10.3 Bar) at 100°F (14"-24")

Temperature Range:

-20°F to 406°F

MATERIALS:

Body, Bonnet & Wedge: ASTM A126 CL-B, CI

Stem: ASTM B16

Packing & Gasket: Graphoil

Class 125 FLANGED GATE VALVE

Part Number	NPS	Length	Height	Weight
6GA-118-B1	2	7.00	14.96	38.0
6GA-119-B1	2 1/2	7.50	16.93	51.0
6GA-110-B1	3	8.00	19.09	62.0
6GA-11A-B1	4	9.00	24.21	110.0
6GA-11B-B1	5	10.00	27.56	154.0
6GA-11C-B1	6	10.50	32.87	203.0
6GA-11E-B1	8	11.50	37.76	284.0
6GA-11G-B1	10	13.00	48.03	459.0
6GA-11H-B1	12	14.00	56.50	637.0
6GA-11J-B1	14	15.00	65.16	966.0
6GA-11K-B1	16	16.00	71.85	1135.0
6GA-11M-B1	18	17.00	79.53	1753.0
6GA-11N-B1	20	18.00	90.16	2238.0
6GA-11P-B1	24	20.00	132.28	3197.0

Length is measured from end to end. Height is measured from centerline to top of wheel in full open position. For Flow Coefficients ($C_{\rm o}$) see page 17.

NOTE: Flat face mating flanges and full face gaskets must be installed to avoid damage to the cast iron body.

All dimensions are in inches and pounds.

621F SERIES Apollo International



FEATURES:

Compatible with ANSI 250# & 300# Flanges

Full Port

Bronze Mounted Seat Rings

Solid Wedge

Adjustable Graphite Stem Packing

Outside Screw and Yoke

Flanged Connection

Bolted Bonnet

Back Seat Protection

STANDARDS:

MSS SP-70

"Gray Iron Gate Valves Flanged and Threaded" ASME B16.10

"Face-to-Face and End-to-End Dimensions of Valves"

PERFORMANCE RATING:

Saturated Steam: 250 psi (17.2 Bar) to 406°F(207°C)
Cold Working Pressure: 500 psi (34.5 Bar) at 100°F
Temperature Range: -20°F to 406°F

.....emperature nange. 20

MATERIALS:

Body, Bonnet & Wedge: ASTM A126 CL-B, CI

Stem: ASTM B16

Packing & Gasket: Graphoil

All dimensions are in inches and pour

Class 250 FLANGED GATE VALVE					
Part Number	NPS	Length	Height	Weight	
6GA-218-B1	2	8.50	14.96	44.0	
6GA-219-B1	2 1/2	9.50	16.93	57.0	
6GA-210-B1	3	11.12	19.09	71.0	
6GA-21A-B1	4	12.00	24.21	121.0	
6GA-21B-B1	5	15.00	27.56	165.0	
6GA-21C-B1	6	15.88	32.87	216.0	
6GA-21E-B1	8	16.50	39.76	302.0	
6GA-21G-B1	10	18.00	48.03	481.0	
6GA-21H-B1	12	19.75	56.50	642.0	
	Part Number 6GA-218-B1 6GA-219-B1 6GA-210-B1 6GA-21A-B1 6GA-21B-B1 6GA-21C-B1 6GA-21E-B1 6GA-21G-B1	Part Number NPS 6GA-218-B1 2 6GA-219-B1 2 1/2 6GA-210-B1 3 6GA-21A-B1 4 6GA-21B-B1 5 6GA-21C-B1 6 6GA-21E-B1 8 6GA-21G-B1 10	Part Number NPS Length 6GA-218-B1 2 8.50 6GA-219-B1 2 1/2 9.50 6GA-210-B1 3 11.12 6GA-21A-B1 4 12.00 6GA-21B-B1 5 15.00 6GA-21C-B1 6 15.88 6GA-21E-B1 8 16.50 6GA-21G-B1 10 18.00	Part Number NPS Length Height 6GA-218-B1 2 8.50 14.96 6GA-219-B1 2 1/2 9.50 16.93 6GA-210-B1 3 11.12 19.09 6GA-21A-B1 4 12.00 24.21 6GA-21B-B1 5 15.00 27.56 6GA-21C-B1 6 15.88 32.87 6GA-21E-B1 8 16.50 39.76 6GA-21G-B1 10 18.00 48.03	

Length is measured from end to end. Height is measured from centerline to top of wheel in full open position. For Flow Coefficients (C_v) see page 17.

NOTE: Class 250 flanges and flanged fittings have a 0.06 inch raised face in accordance with MSS SP-6.

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