

Class 250 Gate Valve 621F (6GA) Series Apollo International

Outside Screw & Yoke Bolted Bonnet

The Apollo Model 621F flanged cast iron gate valve provides full flow capabilities. The Apollo Gate valve can reliably be installed in most plumbing and heating systems (or building service piping).



FEATURES

- Compatible with ANSI 250# & 300# Flanges
- Full Port
- Bronze Mounted Seat Rings
- Solid Wedge
- Adjustable Graphite Stem Packing
- Outside Screw & Yoke
- Flanged Connection
- Bolted Bonnet
- Rugged Ductile Iron Hand Wheel
- 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

Material Specifications

Part	Material
Body	Cast Iron (ASTM A126 CL-B)
Seat Rings	Cast Bronze (ASTM B62)
Wedge Face Rings	Cast Bronze (ASTM B62)
Wedge	Cast Iron (ASTM A126 CL-B)
Stem	Brass (ASTM B16)
Body Gasket	Graphite
Bolts	Carbon Steel (ASTM A307 B)
Nuts	Carbon Steel (ASTM A307 B)
Bonnet	Cast Iron (ASTM A126 CL-B)
Back Seat Bushing	Cast Bronze (ASTM B584)
Packing	Graphite
Packing Gland	Cast Bronze (ASTM B584)
Gland Follower Bolts	Carbon Steel (ASTM A307 B)
Gland Follower Nuts	Carbon Steel (ASTM A307 B)
Gland Follower	Ductile Iron (ASTM A536 65-45-12)
Yoke Bushing	Cast Bronze (ASTM B62)
Yoke Bushing Nut	Cast Iron (ASTM A126 CL-B)
Screw	Carbon Steel (ASTM A307 B)
Handwheel	Cast Iron (ASTM A126 CL-B)
Nameplate	Aluminum
Handwheel Nut	Ductile Iron (ASTM A536 65-45-12)
Yoke	Cast Iron (ASTM A126 CL-B)

Order Information

Size	Part Number
2"	6GA-218-B1
2-1/2"	6GA-219-B1
3"	6GA-210-B1
4"	6GA-21A-B1
5"	6GA-21B-B1
6"	6GA-21C-B1
8"	6GA-21E-B1
10"	6GA-21G-B1
12"	6GA-21H-B1

Dimensions

Size	Height (open)	Length	Weight (Lbs.)
2"	14.96	8.50	44
2-1/2"	16.93	9.50	57
3"	19.09	11.10	71
4"	24.21	12.00	121
5"	27.56	15.00	165
6"	32.87	15.87	216
8"	39.76	16.50	302
10"	48.03	18.00	481
12"	56.50	19.75	642