

SWING CHECK VALVES 6SC SERIES

Class 250 Swing Check 920F (6SC) Series Apollo International

Flanged Connection Bolted Bonnet

The Apollo Model 920F Flanged Cast Iron Swing Check valve provides full flow capabilities. It provides reliable and economical protection against reverse flow. The Apollo Swing Check valve can reliably be installed in most plumbing and heating systems (or building service piping).



FEATURES

- Compatible with ANSI 250# & 300# Flanges
- Full Port
- Minimal Pressure Drop
- Flanged Connection
- Bolted Bonnet
- Integral Seat

STANDARDS

MSS SP-71, "Gray Iron Swing Check Valves Flanged and Threaded Ends"

ASME B1.1 "Unified Inch Screw Threads"

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 |
|-------------|--|
| Bolts | Steel (ASTM A307 B) |
| Nameplate | Aluminum |
| Bonnet | Cast Iron (ASTM A126 CL-B) |
| Body Gasket | Graphite |
| Nuts | Steel (ASTM A307 B) |
| Side Plug | Brass (ASTM B16) |
| Gasket | Graphite |
| Hanger Pin | Brass (ASTM B16) |
| Hanger | Ductile Iron (ASTM A536 65-45-12) |
| Disc Ring | Cast Bronze (2"-6") Cast Iron (8"-20") |
| Disc | Cast Iron (ASTM A126 CL-B) |
| Washer | Steel (ASTM A307 B) |
| Split Pin | Stainless Steel (ASTM 420 S42000) |
| Seat Ring | Cast Bronze (2"-6") Cast Iron (8"-20") |
| Body | Cast Iron (ASTM A126 CL-B) |
| Disc Nut | Steel (ASTM A307 B) |
| Stud Bolt | Steel (ASTM A307 B) |

Order Information

| Size | Part Number |
|--------|-------------|
| 2" | 6SC-208-B1 |
| 2-1/2" | 6SC-209-B1 |
| 3" | 6SC-200-B1 |
| 4" | 6SC-20A-B1 |
| 5" | 6SC-20B-B1 |
| 6" | 6GA-21C-B1 |
| *8" | 6SC-20E-01 |

* Cast iron seat & disc ring

Dimensions

| Size | Height | Length | Weight (Lbs.) |
|--------|--------|--------|---------------|
| 2" | 4.41 | 10.51 | 30 |
| 2-1/2" | 5.24 | 11.50 | 44 |
| 3" | 5.67 | 12.50 | 55 |
| 4" | 6.61 | 14.00 | 90 |
| 5" | 7.80 | 15.75 | 135 |
| 6" | 8.54 | 17.50 | 172 |
| 8" | 10.28 | 21.00 | 289 |