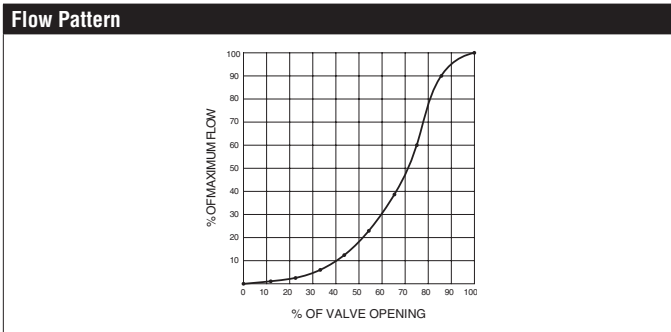


F6300HD, 12", 2-Way Butterfly Valve

Resilient Seat, 304 Stainless Steel Disc



| Technical Data | |
|---------------------------------|---|
| Service | chilled, hot water, up to 60% glycol |
| Flow Characteristic | modified equal percentage |
| Controllable Flow Range | 90° rotation |
| Size [mm] | 12" [300] |
| End Fitting | For use with ANSI Class 125/150 flanges |
| Body | ductile iron ASTM A536 |
| Body Finish | epoxy powder coated |
| Stem Packing | EPDM (lubricated) |
| Seat | EPDM |
| Shaft | 416 stainless steel |
| Bushings | RPTFE |
| Disc | 304 stainless steel |
| Body Pressure Rating [psi] | ANSI 125, standard class B |
| Number of Bolt Holes | 12 |
| Lug Threads | 7/8-9 UNC |
| Media Temperature Range (Water) | -22°F to 250°F [-30°C to 120°C] |
| Close-Off Pressure | 200 psi |
| Rangeability | 10:1 (for 30° to 70° range) |
| Maximum Velocity | 12 FPS |
| Cv | 8250 |
| Weight | 77.2 lb [35 kg] |
| Leakage | 0% |
| Servicing | maintenance free |



Application

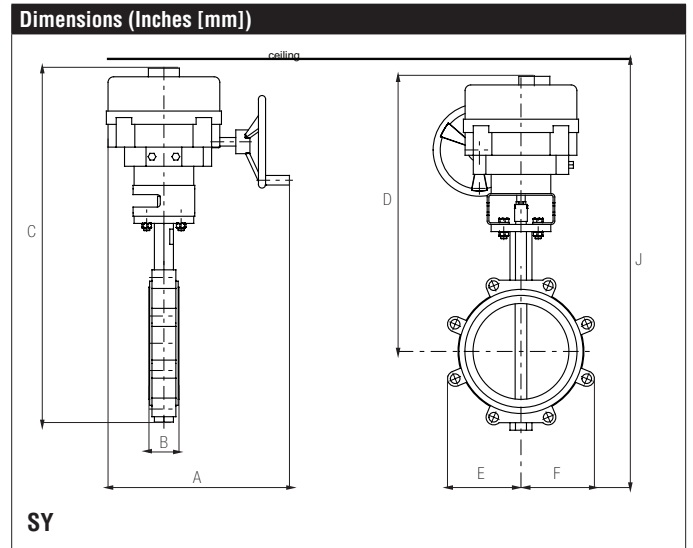
Valve is designed for use in ANSI flanged piping systems to meet the needs of bi-directional high flow HVAC hydronic applications with 0% leakage. Typical applications include cooling tower bypass, primary flow change-over systems, and large air handler coil control.

Jobsite Note

Valve assembly should be stored in a weather protected area prior to installation. Reference the butterfly valve installation instruction for additional information.

| Flow/Cv | | | | | | | | |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| Cv 10° | Cv 20° | Cv 30° | Cv 40° | Cv 50° | Cv 60° | Cv 70° | Cv 80° | Cv 90° |
| 4 | 234 | 495 | 1072 | 1911 | 3162 | 5005 | 7507 | 8250 |

| Suitable Actuators | |
|--------------------|-------------------|
| F6300HD | Non-Spring SY4 |
| | |



| A | B | C | D | E | F | J |
|----------------|------------|----------------|-----------------|-------------|---|------------------|
| 15.9" [403] | 3.07" [78] | 34.2" [745] | 25.50" [648] | 9.13" [232] | | 43.06" [1094] |

Date created, 02/08/2017 - Subject to change. © Belimo Aircontrols (USA), Inc.