

Weco® High-Pressure Butterfly Valves



- ✓ Reliable on/off operation at pressures to 285 psi
- ✓ Patented resilient elastomer seat with hard phenolic back-up
- ✓ Nitrided stems for smooth, easy operation
- ✓ Available in wafer or lug body styles, 2 to 12-inch sizes
- ✓ Manual operators or pneumatic actuators (Weco vane actuator shown below)
- ✓ ISO-9001 certified



Weco® High Pressure Butterfly Valves

FMC's Weco Butterfly Valves have been solving fluid control problems in general industrial applications for over 20 years. Now, FMC introduces the Weco High-Pressure Butterfly Valve for use in fire fighting equipment, commercial construction, chemical processing, hydrocarbon processing, and other high-pressure applications. FMC's new high-pressure valve eliminates the need for exotic high-performance valves.

Patented resilient elastomeric seat and two-piece, hard phenolic back-up eliminate seat walking and allow the seat to expand under pressure making the valve body the pressure containing component.

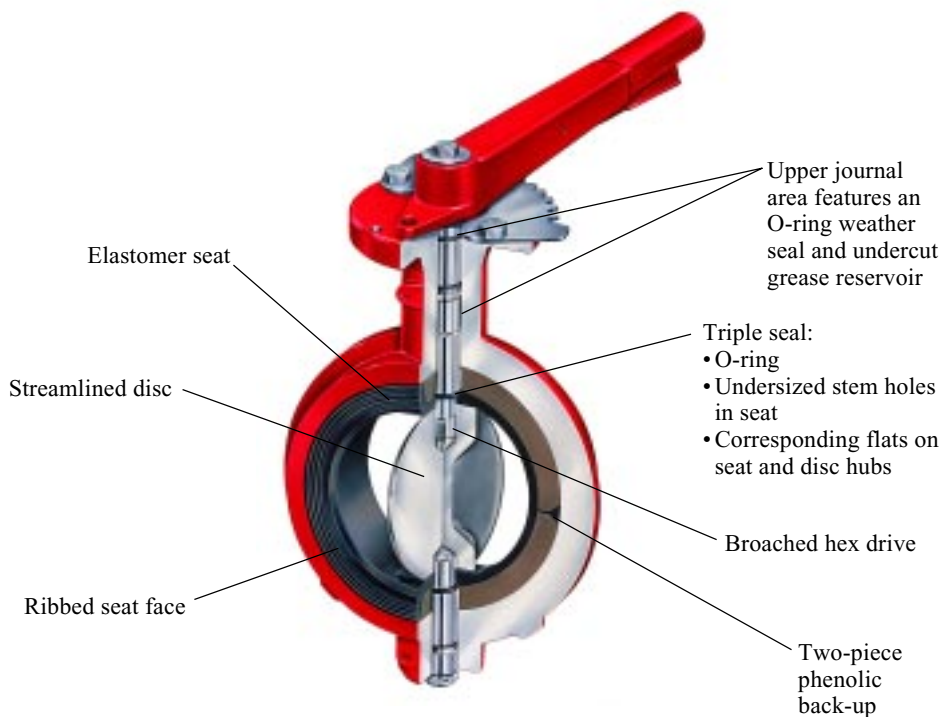
Nitrided stems provide excellent bearing surface between the stems and body. Dual stems eliminate in-line screws, pins, and bolts.

Triple-stem seal isolates both upper and lower stem from product flow. O-ring, undersized stem holes in seat, and corresponding flats on the seat and disc hub provide completely independent seals.

Sizes, styles, materials to meet your service requirements. Weco high-pressure valves are available in sizes ranging from 2 through 12 inch in either wafer or lug body styles. Valve bodies, discs, stems, and seat materials all can be individually matched to your specific operating conditions.

Fast, simple field repair without special tools. Weco high-pressure valves require little or no maintenance. If the valve should need repair, it can be completely reconditioned in the field using interchangeable, stock parts.

Proven Weco pneumatic actuators are available in both piston and vane type and mount directly to valve.



Weco High Pressure Butterfly Valve Model 12H

Seating Torques (in.-lbs.) at Various Line Pressures							
SIZE	0 PSI	50 PSI	100 PSI	150 PSI	200 PSI	250 PSI	300 PSI
2	179	179	183	187	191	195	199
2.5	260	260	270	280	290	300	310
3	390	390	410	420	430	440	450
4	700	700	730	760	790	820	850
5	1,080	1,080	1,140	1,200	1,260	1,320	1,380
6	1,540	1,540	1,650	1,760	1,870	1,980	2,090
8	2,750	2,750	3,000	3,250	3,500	3,750	4,000
10	4,200	4,200	4,700	5,200	5,700	6,200	6,700
12	6,000	6,000	6,800	7,600	8,400	9,200	10,000

Call FMC for details

Fluid Control Headquarters
 FMC Fluid Control Division
 6677 North Gessner Road
 Houston, Texas 77040
 Phone: 713/510-6800
 Fax: 713-510-6803
 E-mail: fluid_control@fmc.com
<http://www.fmc.com/Eteg/>

FMC Fluid Control Division
 2825 West Washington
 P.O. Box 1377
 Stephenville, Texas 76401
 Phone: 254/968-2181
 Fax: 254/968-5709
 Toll Free: 1-800-772-8582 (Continental U.S.) or
 your nearest Weco Butterfly Valve representative