



High Performance Butterfly Valves  
Double Offset Shaft Design

**Seat Designs:**

Bi-Directional Soft Seat (TFE, RTFE, UHMWPE etc. available)

Wide Range of Metal and Fire-flow Seats Available

**PRESSURE CLASSES & SIZES**

ASME Class 150 – 2" to 48"

ASME Class 300 – 2" to 30"

ASME Class 600 – 2" to 16"

Wafer, Lug and Lug Dead-End Service

CS, SS, MONEL, Alloy 20, Hastelloy C, and Other Body and Disc Materials Available.



**Max-Air/MAS Brand Pneumatic**

Double Acting & Spring Return 1/4 Turn Actuators, Solenoid Valves and Limit Switches. High Cycle Reliability, Compact Rack & Pinion Design Available With Technopolymer or Extruded Aluminum Housings. Easily Adjustable & Extremely Versatile ISO 5211 Mounting Flanges. A Great Fit When Using Our MAS "Direct Mount" G-Series Ball Valves. **Unlimited Cycle Warranty.**



**Swing Checks**

**Sizes** – 1/2" thru 48" in Carbon Steel

**Pressure Rating** – ANSI 150 to 2500 API 2000 to API 10,000 PSI

**Trims** – Carbon Steel, Stainless Steel, Exotic Alloys and Overlays

**End Connections** – Raised Face RTJ Flanged Ends – Butt & Socket Weld; Threaded Ends – Hub Ends

**Compliance to Specifications**

ISO 9001, API 6D, 6A & Q1  
ANSI B16.34 Steel Valve Fabrication  
ANSI B16.5 Flanges & Fittings  
NACE MR-01-75



**Chiksan Swivels –**

The "Original" Chiksan Swivels 600 PSI, 1000 PSI, 10,000 PSI, 15,000 PSI 3/8" thru 8" – Threaded, Butt-weld, Flanged – Malleable Iron, Low Pressure Steel, High Pressure Steel, Stainless Steel, Aluminum, High Temp "DiskPak"

**Weco – Original Oilfield**

**Wing Unions**

Widest Selection in the Oilfield; 1" Thru 10", Threaded, Socketweld, Butt-weld; 1000 PSI thru 20,000 PSI; Tank Union, Air-O-Unions, Suction Hose Unions, Misaligning Unions, Sour Gas Service, Blanking Unions

**Weco Butterfly Valves**

Wafer & Lug Pattern, Long & Short Neck; Tough Cementing Application Thru Food Grade Seats; Reliable Vane Actuator – Double Acting Pneumatic Actuators; Gear Op and 10 Position Lever Handles

**Manifold Systems**

Compact Ball & Check Valves All Compact Valves are Fully Traceable and Charpy Impact Tested. Floating Ball Valves ASME 1500, ASME 2500, API 10k 1" thru 4" API 6A - Latest NACE MR0175-2003 ASME B31.2 Chapter 9 and ASME B31.8 Fire Tested to API 6FA and BS6755 Part 2.

**Trunnion Mounted –**

4" Thru 12"; (ASME 1500, ASME 2500, API 10k)



**Wafer Check Valves**

125, 150, 300 & 600 lb Pressure Class. Cast Iron, Cast Steel and Stainless Steel Materials. Viton "A", Teflon and Stainless Steel seats. "ULC" Approved Models, "ANSI", and "API" Designs. Outside Lever, Counterweights and Dashpots Available.



**Union End Ball Valves**

1/4" thru 2" CS-E790 Marpac Union End Ball Valves – Carbon & SS Trim

**Union End Check Valve**

Marpac 730-P Union End Check Valve. Available in 2" & 3" Brass or SS Trim, 2000 PSI WOG Spring Loaded – Center Guided Poppet



The Original 'Mission' Dual Plate Wafer Check Valve. The DUO-CHECK II Wafer Valve Design is Generally Stronger, Lighter, Smaller, More Efficient and Less Expensive Than Conventional Swing Check Valves. Easy to Install Between Standard Gasket and Line Flanges.

**Product Features:**

ASME B 16.3 / API 594  
Pressure Classes: ANSI 150-4500 / PN6-320 Wafer, Lug, Double Flanged and Extended Body Styles  
ISO 9001 - 2000 / TUV / API 6D Monogram

**Size range:** DN50-DN1800 (2"-72")

**Applications:** Chemical, Power Generation, Mining, Water and Waste Water, Oil and Gas, Pulp and Paper.

