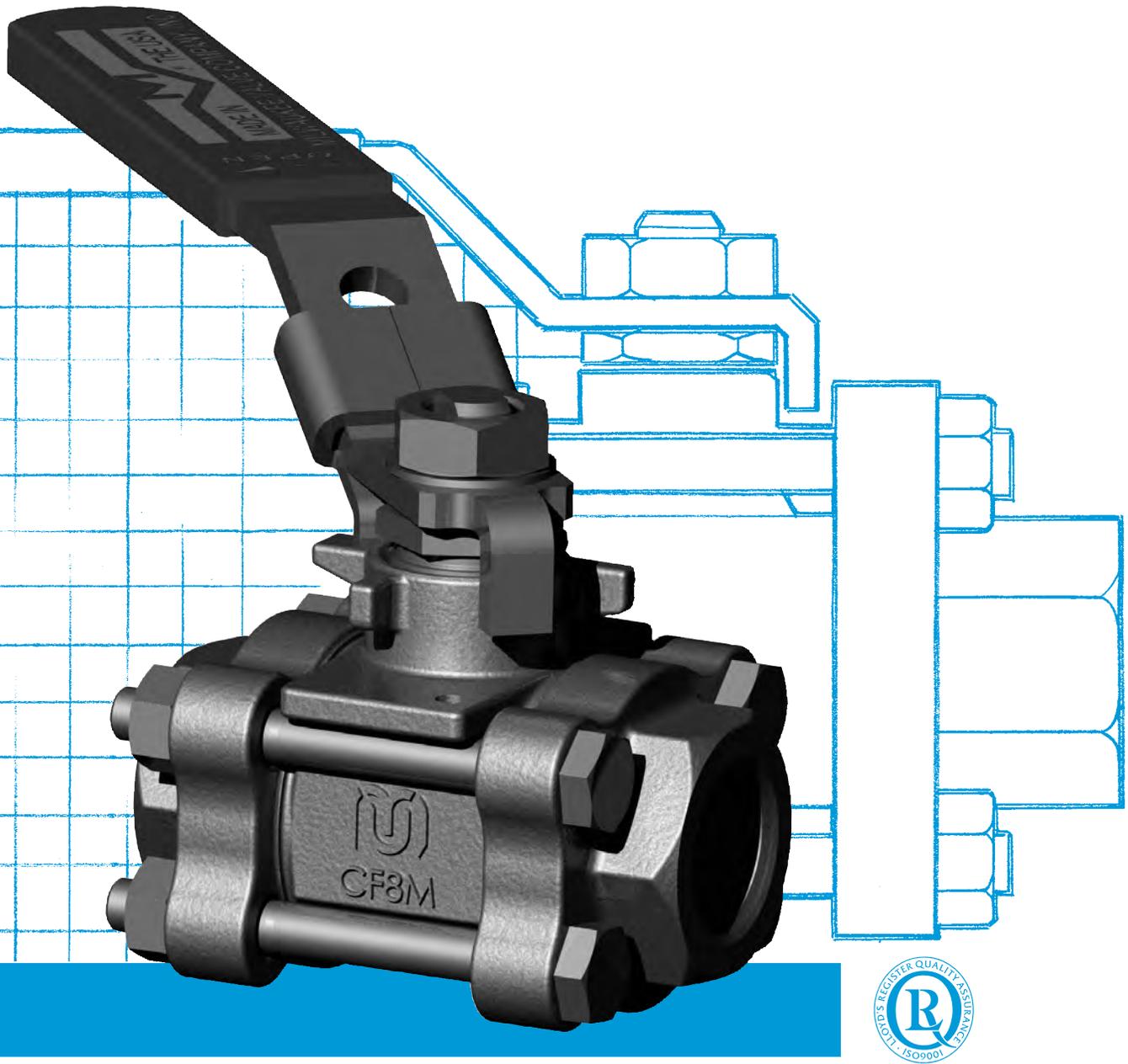


# 30SSOFA STAINLESS STEEL AND 30CCOFA & 30CSOFA CARBON STEEL FULL-PORT, THREE-PIECE BALL VALVES



**INNOVATION** IN EVERY VALVE



**MILWAUKEE VALVE**

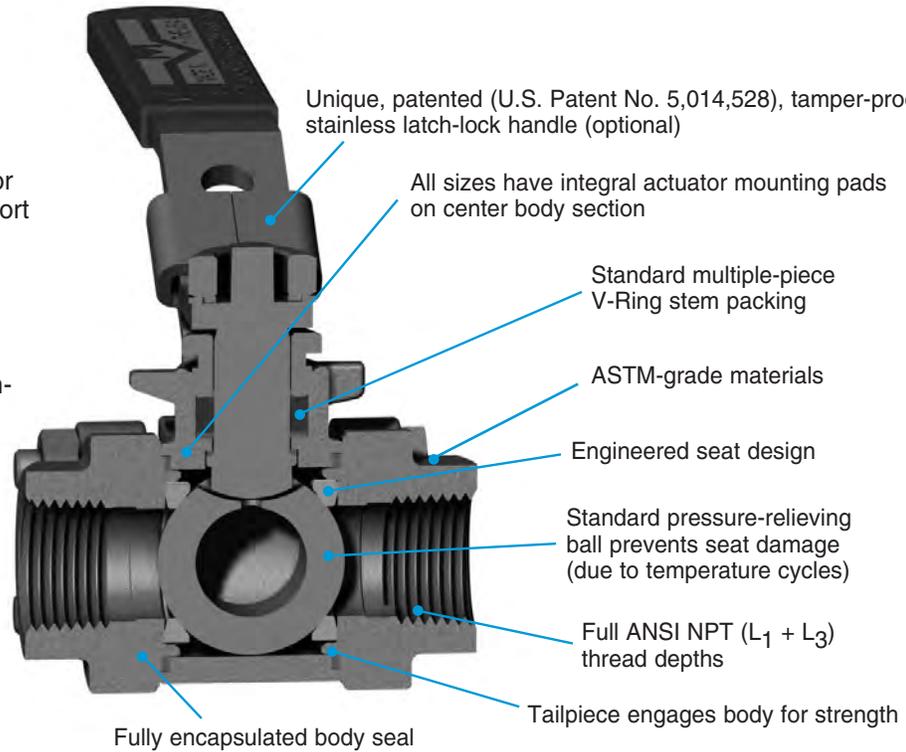
# 30SSOF, 30CCOF AND 30CSOF THREE-PIECE BALL VALVES

The 30SSOF, 30CCOF and 30CSOF Series ball valves are the most advanced 3-piece ball valves available.

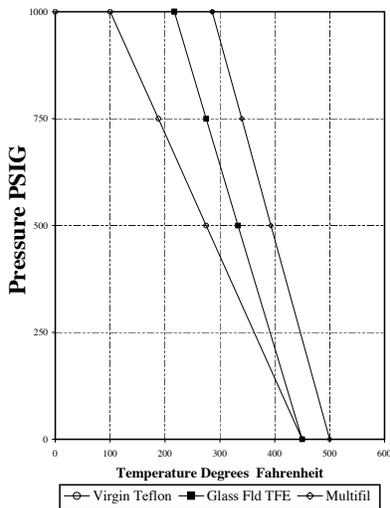
Designed with extensive end-user and distributor input, they include such standard features as: full-port design, multi-piece V-Ring stem packing for longer leak-free life; full NPT thread depths and superior ASTM-grade materials of construction and the highest pressure ratings in the industry.

The 3-piece design makes in-line maintenance and repairs possible. The valves utilize special high-cycle-life seats with the lowest operating torques. And when one or both ends are dismantled to service the valve, the actuator does not require removal. This combination provides the most economical actuated ball valve available.

**Conforms to: MSS-SP-110.**



## PERFORMANCE DATA



### TORQUE RATING AND C<sub>v</sub>

VALVE SIZE	MAXIMUM BREAKAWAY TORQUE (in lbs.)	C <sub>v</sub> (GPM)
1/4 - 3/8	30	9
1/2	50	10
3/4	70	31
1	125	49
1-1/4	210	85
1-1/2	360	110
2	600	360

## SPECIFICATIONS

Approved valves shall be Milwaukee Valve 30SSOF Series (for stainless-steel applications) or 30CC/CSOF Series (for carbon-steel applications) or approved equal. Valves shall be of full-port design and include multiple-piece V-Ring stem packing, full ANSI NPT thread depths and ASTM-grade body/tailpiece materials. All valve sizes shall accommodate actuator mounting on the valve's center section. Each valve shall be tested for zero leakage. Approved valves to accommodate tamper-proof latch-lock handle where necessary or required.



# ORDERING INFORMATION

# 1/2" 30SSOF-02-LS-VB

**Size:**  
1/4"-2"

**Series:**  
30 = 3-Piece Industrial

**Body Material:**  
C = Carbon Steel  
S = Stainless Steel

**Ball/Stem Material:**  
C = Carbon Steel-Plated  
S = Stainless Steel

**End Connection Type:**  
O = NPT (female)  
1 = Socket-Weld

**Port Size:**  
F = Full Port

**External Options:**

- LL = Patented\* Stainless Latch-Lock Handle
- LO = Patented\*\* Locking Stainless Oval Handle – Spring-Loaded
- XH = Extended Handle (2" extension standard. Other lengths available to customer specifications.)

**Seat Material:**

- 01 = Virgin PTFE
- 02 = Reinforced PTFE
- 03 = Steam Service Modified PTFE\*\*\*

**Internal Options:**

- AD = Assemble Dry
- GB = Grounded Ball\*\*\*
- GS = Grounded Stem\*\*\*
- VB = Vented Ball

Note: If specifying more than one internal option, list ALPHABETICALLY.

- \* – U.S. Patent No. 5,014,528
- \*\* – U.S. Patent No. 5,183,073
- \*\*\* – Must Be Ordered With SS Ball and Stem.

For Steam Service, Please Consult Factory.

NOTE: The information presented in this brochure is correct at time of printing. Milwaukee Valve reserves the right to change design, dimensions and/or material specifications without notice.

Valves built to take it... since 1901

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## MILWAUKEE VALVE

BAL-8