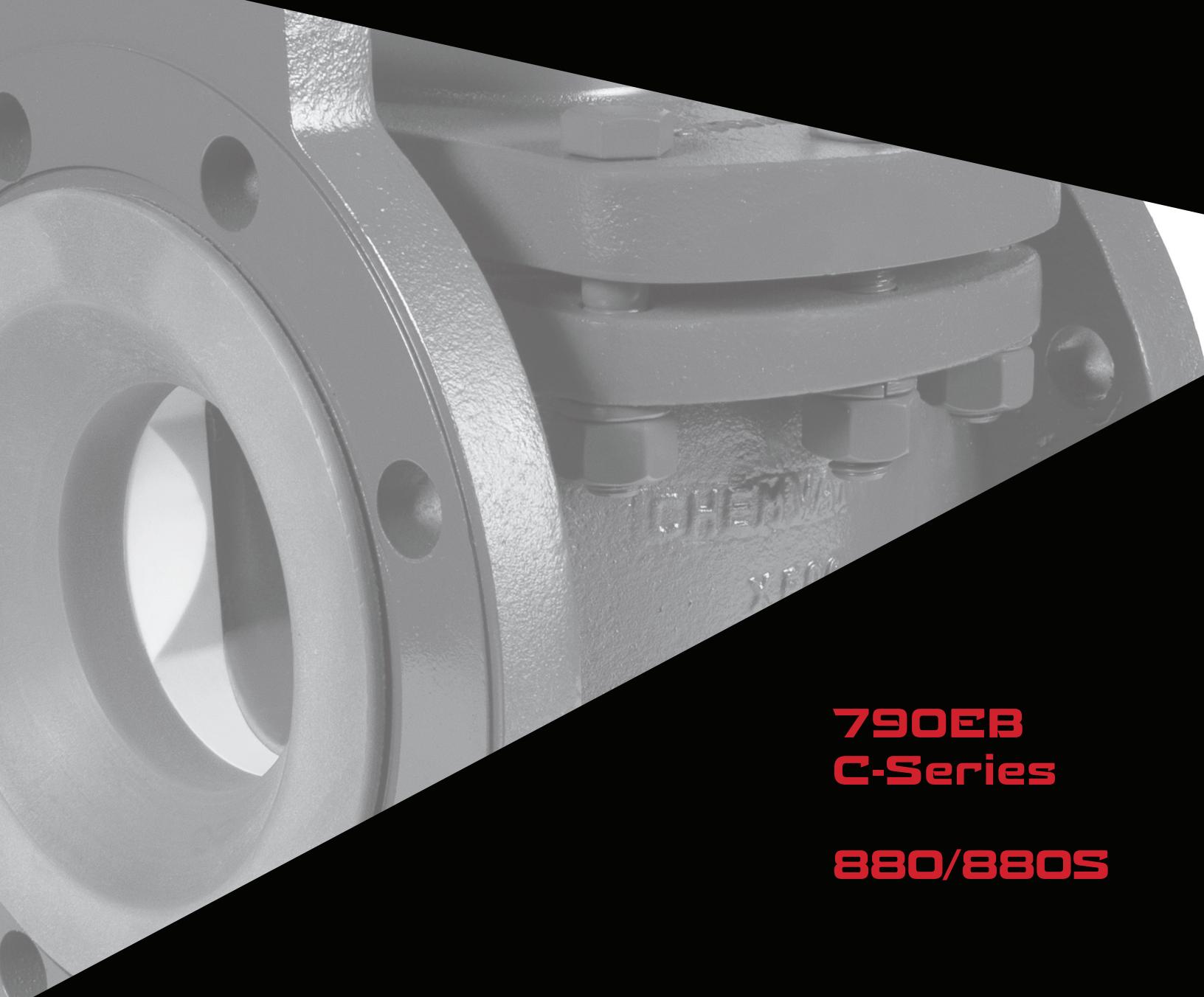


ChemValve

Fully Lined Plug and Ball Check Valves



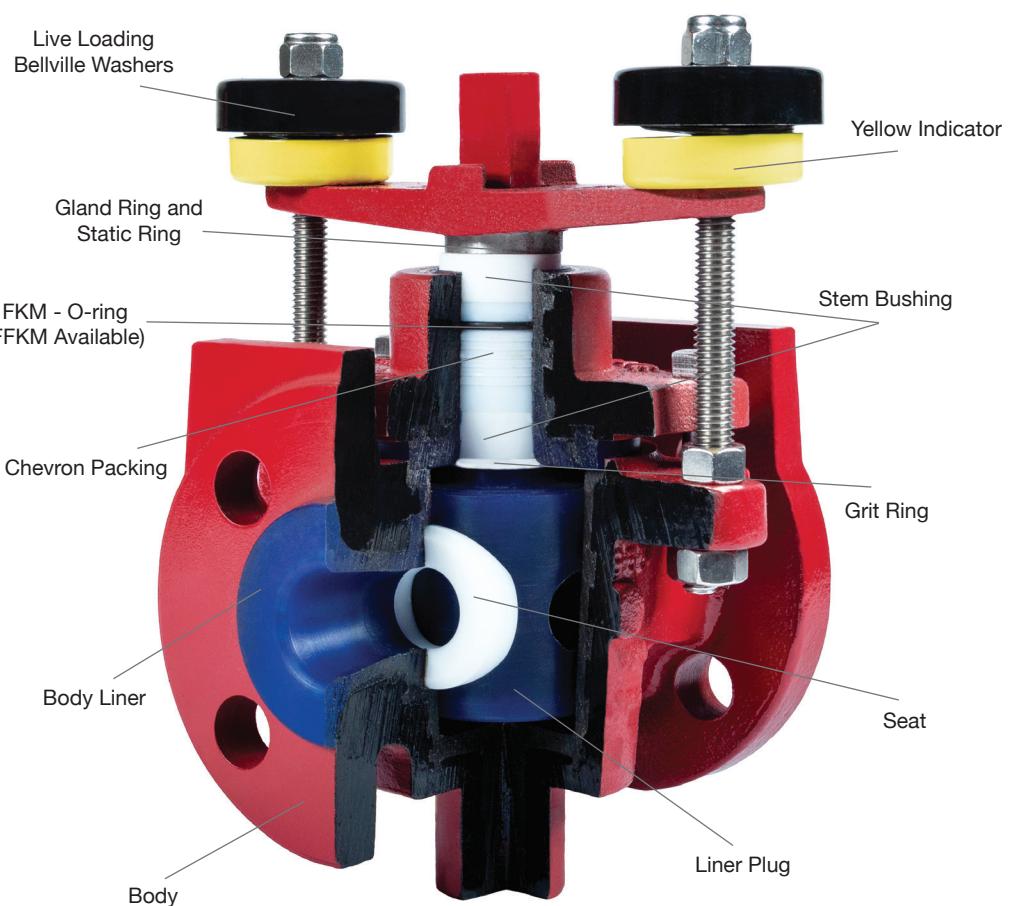
**790EB
C-Series**

880/880S

Model 790EB C-Series

Fully Customizable Lined Plug Valve

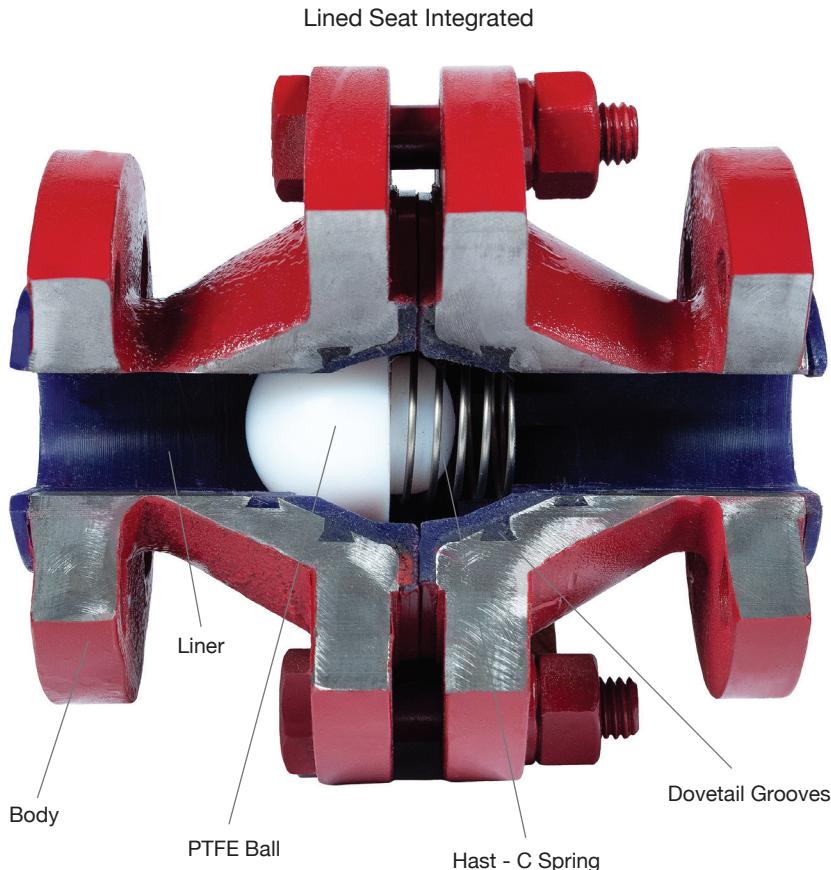
- **Sizes:** 1" to 8" (up to 6" in 300#)
- **Pressure Class:** 150#, 300#
- **Body Materials:**
 - Ductile iron - ASTM A395 Gr 60-40-18
 - 316SS - ASTM A351
 - CF8M
- **Carbon Steel - ASTM A216 WCB**
- **End Connections:** RF, FF
- **Replaceable Seats:** PTFE, TFM, GRTFM
- **Low Operating Torques**
- **Extended Bonnet with Chevron Packing and FKM or FFKM O-ring**
- **Custom designs :** Double Block and Bleed, 3-Way, Automation
- **Control Valves with CV seats**



► Liner descriptions on back

Model 880/880S

High Performance Lined Ball Check Valve



- Sizes: 1" to 8" (up to 6" in 300#)
- Pressure Class: 150#, 300#
- Body Materials:
 - Ductile iron - ASTM A395 Gr 60-40-18
 - 316SS - ASTM A351 CF8M
 - Carbon Steel - ASTM A216 WCB
- Model 880 - no spring for vertical installations
- Model 880s - spring assisted for vertical or horizontal installations
- Spring options:
 - customized cracking pressure, Hastelloy-C 276, Hast B, Titanium, encapsulated
- Machined Dovetail Grooves
- Solid PTFE Ball

SPECIFICATIONS

Industry Standards:

ASME B16.34 (WCB/CF8M)
ASME B16.42 (Ductile iron)
ASME B16.10 Face-to-face Dimensions¹
ASME B16.5 Flanged Ends

Testing Capability:

Leak testing per manufacturer's standard
Leak testing per API 598
Leak testing per AAR Specification M1002 (railcar valves)
Liner integrity electrostatic discharge to 40KV

150# 880/S with GRPFA Liner



¹Model 790 Plug Valves; Model 880 Lined Ball Check Valves comply with manufacturer's requirements.



Liner descriptions on back

ChemValve

Fully Lined Plug and Ball Check Valves



► 790 VALVE CUSTOMIZATIONS

- Prep for Chlorine Service
- Drilling and Tapping
- Tagging
- Epoxy paint, custom colors and coatings
- Locking Handle
- Seat Notching
- Gear Operators
- Test/Certifications
- Chain-Wheel Operator
- Anti-Corrosion Coating
- Special Materials for Fasteners

► SERVING INDUSTRY LEADERS FOR 30+ YEARS

With over 30 years of experience manufacturing custom flow solutions in a diverse range of applications, our installation base has grown to include industry leaders across a wide variety of markets. We thank those customers who have chosen ChemValve to provide them with fully lined valves over all these years. As a leader in the valve industry, we continue to pursue our goal of providing high performance solutions and excellent customer service.

► VALVE LINERS

PPL - Polypropylene

- Excellent corrosion resistance in ambient temperature applications
- AAR approved for 37% HCl tank cars and also used in waste-water treatment facilities
- Max service temperature: 225°F

PVDF - KYNAR®

- Excellent chemical resistance, thermal stability and erosion resistance
- Applications include chlorine/halogen and brine
- Max service temperature: 275°F

PFA - Perfluoroalkoxy

- Excellent chemical resistance in high temperature applications
- Commonly found in dilution stations for sulfuric acid
- Max service temperature: 400°F

GRPFA - Glass Reinforced PFA

- Excellent abrasion and temperature resistance
- Best liner choice for high temperature slurry applications containing solids (sand, glass)
- Max service temperature: 400°F



Manufactured in
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