

Tech Data

Viega ProPress® Zero Lead Ball Valve Model 2971.1XL



Description

The two-piece, lead-free brass ball valve is equipped with a full port, plated ball. The ball valve features EPDM sealing elements, EPDM stem seals, and Viega's Smart Connect® technology for

easy identification of unpressed connections during testing.

Features

- Two-piece ¼ turn ball valve
- Lead-free bronze body and press ends
- Full port chrome-plated ball
- EPDM stem and press sealing elements
- Lockable metal handles
- PTFE seats
- Smart Connect technology
- Sizes: 2½", 3", 4"

Accessories

- XL ball valve replacement handle model 2971.1XL
- Brass lockable stem extension model 291.9XL

Ratings

- 300 CWP
- Temperature range: 0°F–250°F
- Max. operating pressure: 300 psi

Approvals

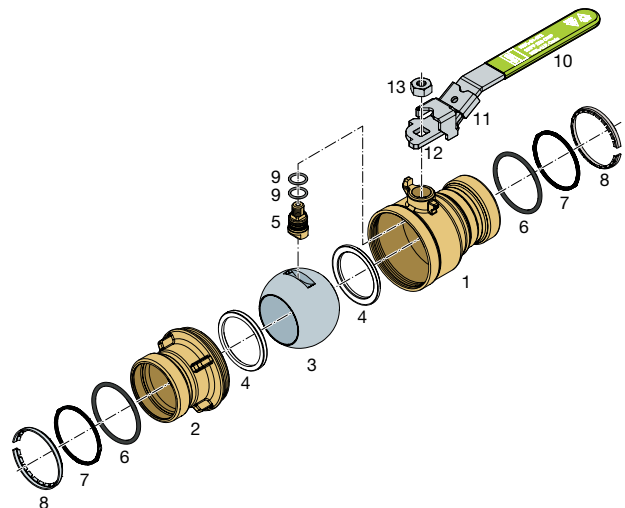
- Conforms to MSS SP-110
- IAPMO/ANSI Z1157
- NSF®-61
- NSF®-372
- NSF®-U.P. Code
- Listed by NSF to Commercial Hot

Common Applications

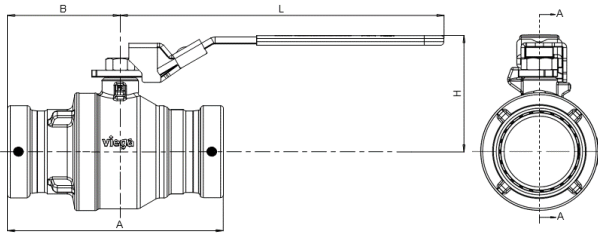
- Potable water
- Hydronic heating water (up to 50% glycol)
- Chilled water
- Compressed air

Labeled List of Materials – ProPress Zero Lead Ball Valve Model 2971.1XL

Label No.	Component	Material
1	Body	Lead-free brass CW511L
2	Press ends	Lead-free brass CW511L
3	Ball	Chrome-plated, low-lead brass
4	Seat	PTFE
5	Stem	Brass C27450
6	Sealing element	EPDM
7	Separator ring	AISI 304, UNS 30400
8	Grip ring	AISI 420, UNS S42000
9	Stem seal	EPDM
10	Handle cover	Polyvinyl
11	Handle lock	Steel 1.0332
12	Handle	Steel 1.0332
13	Nut	Steel 1.0332



Dimensions – ProPress Zero Lead Ball Valve Brass P x P Model 2971.1XL



Part No.	Size (in)	A (in)	B (in)	H (in)	L (in)	Weight (lbs)	Cv (US gal/min)
78300	2½	7.47	3.91	4.02	11.22	7.0	378
78305	3	8.15	4.17	4.37	11.22	9.7	584
78310	4	9.72	4.99	5.12	11.22	17.5	1019



This document is subject to updates. For the most current Viega technical literature, please visit www.viega.us.



Zero Lead identifies Viega products meeting the lead free requirements of NSF/ANSI/CAN 61 through testing under NSF/ANSI/CAN 372 (0.25% or less maximum weighted average lead content).



Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**

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TD-PP 1025 ProPress Ball Valve 2971-1XL

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