

Tech Data

Viega MegaPress® 304 FKM Ball Valve Models 4170 and 4170XL



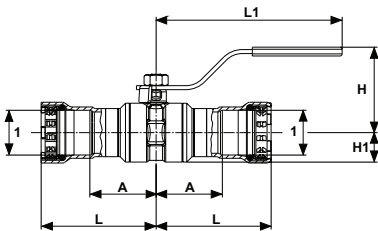
The MegaPress 304 FKM stainless steel ball valve is equipped with a full port, 304 stainless steel 2-piece body and stainless steel press ends. The ball valve features an FKM sealing element, a 420 stainless grip ring, a 304 stainless separator ring, FKM stem seals, a locking stainless steel handle, and Viega's Smart Connect® technology for easy identification of unpressed connections during pressure testing.

Features

- 304 stainless steel ball
- Body material designation: CF8 1.4301
- Blowout-proof 316 stainless steel stem
- 304 stainless steel locking handle
- Reinforced PTFE seats
- Smart Connect technology
- ISO 5211 mounting pad (for 2½", 3", and 4" only)

Approvals

- Conforms to MSS SP-110
- ASME B31
- IAPMO/ANSI Z1157



Part No.	Size (in)	A (in)	L (in)	L1 (in)	H (in)	H1 (in)
FKM	1					
29005	½	1.535	2.657	4.567	1.984	0.634
29010	¾	1.626	2.823	4.567	2.098	0.748
29015	1	1.811	3.197	5.766	2.465	0.878
29020	1¼	1.957	3.815	5.768	2.685	1.142
29025	1½	2.142	4.051	6.122	3.020	1.358
29030	2	2.382	4.390	6.122	3.315	1.654
86820	2½	3.717	5.516	11.087	5.142	2.256
86825	3	4.094	6.398	11.087	5.535	2.657
86830	4	4.638	7.843	13.055	6.697	3.346



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



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.**

Ratings

- Temperature Range: 14°F to 284°F (with temperature spikes up to 365°F)
- Max. Operating Pressure ½" to 2": 250 CWP
- Max. Operating Pressure 2½" to 4": 200 CWP

Recommended Tools

For ½" to 2":

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")

For 2½" to 4":

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.) for use with the PressBooster
- #26200 MegaPress XL PressBooster with 2½" press ring
- #57078 MegaPress XL 3" and 4" press ring kit
- #57081 Z3 Actuator with 2½" press ring (must be used with press gun with minimum 80mm press stroke)

Valve Size (in)	Valve Stem Nut Size	Stem Nut ft/lbs	Stem Nut (Nm)	Cv (US gal/min)
½	M8	3.7 to 7.5	5 to 10	15.5
¾	M8	3.7 to 7.5	5 to 10	33.4
1	M8	3.7 to 7.5	5 to 10	46.4
1¼	M8	3.7 to 7.5	5 to 10	93.5
1½	M8	3.7 to 7.5	5 to 10	124
2	M8	3.7 to 7.5	5 to 10	246
2½	M8	22.1 to 44.3	30 to 60	403
3	M8	22.1 to 44.3	30 to 60	606
4	M8	22.1 to 44.3	30 to 60	1,049



Viega LLC

585 Interlocken Blvd.
Broomfield, CO 80021

Phone (800) 976-9819
www.viega.us

TD-MP 0823 MegaPress 304 FKM Ball Valve

