

Tech Data

Viega MegaPress® FKM Ball Valve Models 5970 and 5970XL



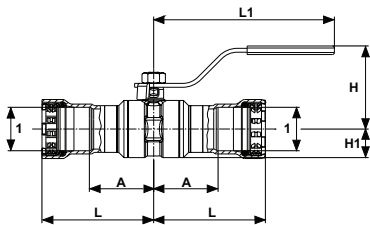
The MegaPress FKM carbon steel ball valve is equipped with a full port, zinc-nickel-coated carbon steel body and press ends. The ball valve features an FKM sealing element, a 420 stainless grip ring, a 304 stainless separator ring, FKM stem seals, a locking metal handle, and Viega's Smart Connect® technology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

Features

- 316 stainless steel ball
- Body material designation: CS 1.0553
- Eco Brass® blowout-proof stem
- Lockable metal handle
- Reinforced PTFE seats
- Smart Connect technology
- ISO 5211 mounting pad (for 2½", 3", and 4" only)

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



Part No. FKM	Size (in) 1	A (in)	L (in)	L1 (in)	H (in)	H1 (in)
28945	½	1.535	2.618	4.567	1.992	0.634
28950	¾	1.638	2.795	4.567	2.102	0.748
28955	1	1.811	3.157	5.768	2.469	0.878
28960	1¼	1.976	3.795	5.768	2.709	1.142
28965	1½	2.142	4.012	6.122	3.016	1.358
28970	2	2.382	4.370	6.122	3.315	1.654
86790	2½	3.720	5.520	11.090	5.130	2.390
86795	3	4.070	6.400	11.090	5.520	2.800
86800	4	4.670	7.840	13.060	6.700	3.450



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.**

Approvals

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

Recommended Tools

For ½" to 2":

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)

For 2½" to 4":

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.) for use with the PressBooster
- Viega 26200 PressBooster with 2½" MegaPress XL ring
- Viega 26201 3" and 4" MegaPress XL rings
- #57081 Z3 Actuator for use with 2½" to 4" rings (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



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TD-MP 0223 MegaPress FKM Ball Valve

