

Tech Data

Viega MegaPress® 304 FKM 3-Piece Ball Valve Model 4175.8, 4175.8XL



The MegaPress 304 FKM 3-piece stainless steel ball valve is equipped with a full port, 316 stainless steel 3-piece body and 304 stainless steel press ends. The ball valve features an FKM sealing element,

a 420 stainless grip ring, a 304 stainless separator ring, PTFE 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
- Blowout-proof 316 stainless steel stem
- 304 stainless steel locking handle
- Adjustable packing nut
- Reinforced PTFE seats
- Smart Connect technology
- ISO 5211 mounting pad

Ratings

- Operating Temperatures: 14° F to 284° F (with temperature spikes up to 356° F)
- Max. Operating Pressure ½" to 2": 250 CWP
- Max. Operating Pressure 2½" to 4": 200 CWP



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

Valve Size (in)*	Valve Body Bolt & Nut Size		Bolt Torque +/- 5 ft/lbs (Nm)		Valve Stem Nut Size	Stem Nut ft/lbs (Nm)	
½	M8 x 55	M8	7.5	(10)	AF 16 mm	7.5	10
¾	M8 x 65	M8	15	(20)	AF 18 mm	11	15
1	M10 x 75	M10	15	(20)	AF 21 mm	11	15
1¼	M10 x 90	M10	22.5	(30)	AF 22 mm	18.5	25
1½	M10 x 100	M10	22.5	(30)	AF 24 mm	18.5	25
2	M10 x 100	M10	22.5	(30)	AF 24 mm	18.5	25
2½	M12 x 140	M14	45	(60)	AF 30 mm	26	(35)
3	M12 x 140	M14	45	(60)	AF 30 mm	26	(35)
4	M12 x 140	M14	45	(60)	AF 30 mm	26	(35)

*Sizes up to 3" have 4-bolt flanges; 4" has 6-bolt flanges.

Approvals

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

Recommended Tools

For ½" to 2":

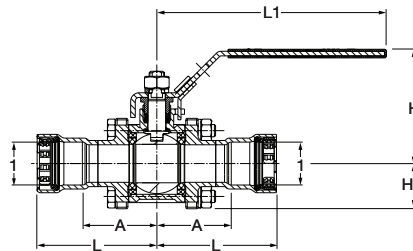
- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")

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)



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.**



Part No.	Size (in)*	A (in)	L (in)	L1 (in)	H (in)	H1 (in)	
304 FKM 316 EPDM	1						
86500	86530	½	1.72	2.80	5.88	2.85	1.04
86505	86535	¾	1.91	3.06	5.88	2.93	1.16
86510	86540	1	2.19	3.54	7.54	3.33	1.40
86515	86545	1¼	2.50	4.31	7.54	3.57	1.57
86520	86550	1½	2.92	4.79	7.54	3.89	1.83
86525	86555	2	3.09	5.07	7.54	3.89	1.83
86650	86665	2½	3.74	5.54	11.06	5.08	2.28
86655	86670	3	4.37	6.67	11.06	5.47	2.68
86660	86675	4	4.88	8.06	13.07	6.89	3.79

Sizes up to 3" have 4-bolt flanges; 4" has 6-bolt flanges.

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TD-MP 0823 MegaPress 304 FKM 3-Piece Ball Valve

