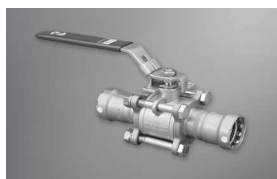


## Tech Data

# Viega MegaPress® FKM 3-Piece Ball Valve Models 5975.8, 5975.8XL



The MegaPress FKM 3-piece carbon steel ball valve is equipped with a full port, 316 stainless steel 3-piece body and zinc nickel coated 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](http://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 7200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")

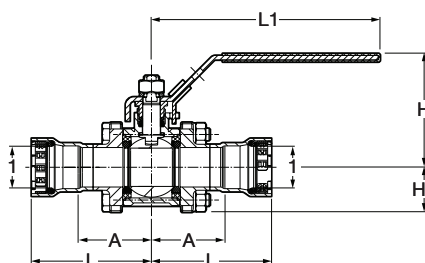
For 2½" to 4":

- Standard size press tool (minimum hydraulic ram output of 7200 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)



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) |
|----------|------------|--------|--------|---------|--------|---------|
| EPDM     | FKM        | 1      |        |         |        |         |
| 28500    | 86400      | ½      | 1.72   | 2.80    | 5.88   | 2.85    |
| 28501    | 86405      | ¾      | 1.91   | 3.06    | 5.88   | 2.93    |
| 28502    | 86410      | 1      | 2.19   | 3.54    | 7.54   | 3.33    |
| 28503    | 86415      | 1¼     | 2.50   | 4.31    | 7.54   | 3.57    |
| 28504    | 86420      | 1½     | 2.92   | 4.79    | 7.54   | 3.89    |
| 28505    | 86425      | 2      | 3.09   | 5.07    | 7.54   | 3.89    |
| NA       | 86680      | 2½     | 3.74   | 5.54    | 11.06  | 5.08    |
| NA       | 86685      | 3      | 4.37   | 6.67    | 11.06  | 5.47    |
| NA       | 86690      | 4      | 4.88   | 8.06    | 13.07  | 6.89    |

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



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TD-MP 0821 MegaPress FKM 3-Piece Ball Valve

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