

# HYMAX<sup>®</sup>

a **MUELLER** brand

## HYMAX 2 END CAP (4" - 12")

### Product Specifications

#### FEATURES

- Caps a wide range of pipe types and diameters
- Ready to use, stab-fit design
- Allows 4° dynamic deflection per side, potentially reducing future damage
- Patented hydraulically-assisted gasket with 2-stage sealing
- Patented flip gasket can be easily flipped in or out to accommodate different pipe OD's
- Cast in restraint tabs for strength and durability



#### SPECIFICATIONS STANDARDS

- HYMAX end cap meets or exceeds standards AWWA C-219, NSF 61, NSF 372.

#### SIZE

- Available in nominal diameter from 4" - 12" standard.

#### MATERIALS END RINGS

- ASTM A 283/A 283M Grade C steel.

#### END CAP BODY

- Ductile iron casting ASTM A536 Grade 65-45-12.
- Threaded outlet 2" NPT.

#### GASKETS

- EPDM Compounded for water and sewage in accordance with ASTM D2000, meets international standards for contact with drinking water.

#### BRIDGE

- AISI 304 Stainless Steel. ASTM A240.

#### SPHERICAL SPACERS

- AISI 304 Stainless Steel. ASTM A351 CF8.

#### COATING

- 100% fusion bonded epoxy for enhanced corrosion protection.
- Average thickness 14 mm.

#### BOLTS, NUTS & WASHERS

- AISI 304 stainless steel. Rolled thread and anti-galling coating. ASTM F593, ASTM F594 and ASTM A240 respectively.



JOIN



REPAIR



RESTRAIN



TAP

**MUELLER**

## PRODUCT PERFORMANCE

### WORKING TEMPERATURE

- 20° F up to +125° F

### DYNAMIC DEFLECTION

- Up to 4°

### MIN. PIPE INSERTION

- 2.25"

### MAX. PIPE INSERTION

- 4"

### MAXIMUM OUT OF ROUNDNESS

- 0.31"

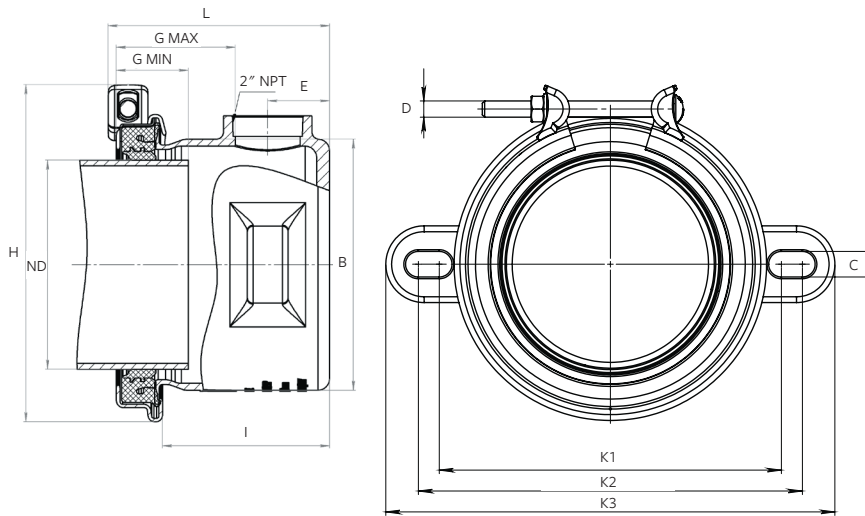
### WORKING PRESSURE

- 232 psi

### VACUUM TEST

- 12 psi

## PRODUCT TABLES



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### HYMAX END CAP NOMINAL SIZES (4" - 12")

Part Number	ND (inch)	Overall Range (inch)	Range Before Flipping Gasket (inch)	Range After Flipping Gasket (inch)	L (inch)	I (inch)	G-MIN (inch)	G-MAX (inch)	C (inch)	K1 (inch)	K2 (inch)	K3 (inch)	Bolt Qty. and Size	Torque	Approx. Weight (lbs)
979-54-02108-16	4	4.25 - 5.63	4.25 - 5.00	4.92 - 5.63	7.6	5.7	2.25	4	0.71	9.9	9.9	12.1	1 - M14	75	16.4
979-54-02163-16	6	6.42 - 7.68	6.42 - 7.05	7.01 - 7.68	7.6	5.7	2.25	4	0.87	11.6	13.0	15.2	1 - M14	75	26.5
979-54-02217-16	8	8.54 - 9.84	8.54 - 9.17	9.13 - 9.84	7.9	6.1	2.25	4	0.94	14.4	15.7	18.2	1 - M14	75	40.0
979-54-02272-16	10	10.70 - 12.00	10.70 - 11.37	11.33 - 12.00	7.9	6.1	2.25	4	1.34	16.9	19.3	22.8	1 - M14	75	62.0
979-54-02278-16	10	10.96 - 12.26	10.96 - 11.63	11.59 - 12.26	7.9	6.1	2.25	4	1.34	17.1	19.5	23.0	1 - M14	75	63.0
979-54-02315-16	12	12.40 - 13.66	12.40 - 13.03	12.99 - 13.66	8.2	6.3	2.25	4	1.34	18.6	21.0	24.5	1 - M14	80	75.5
979-54-02334-16	12	13.15 - 14.41	13.15 - 13.78	13.74 - 14.41	8.2	6.3	2.25	4	1.34	19.5	21.9	25.4	1 - M14	80	80.9

To learn more, visit [HymaxUSA.com](http://HymaxUSA.com).

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