

# HYMAX<sup>®</sup>

a **MUELLER** brand

## HYMAX<sup>®</sup> 2 FLANGED OUTLET (4" - 12") Product Specifications

### FEATURES

- Advanced wide-range coupling with a patented flip gasket
- Eliminates gasket removal mistakes and maximizes installer work efficiency
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- Eliminates gasket removal mistakes and maximizes installer work efficiency
- Using the game-changing HYMAX technology, proven in over 1M installations in the US
- Suitable for all types of pipes - ductile iron, cast iron, steel, copper, PE, PVC, AC, GRP
- Patented hydraulically-assisted gasket with 2-stage sealing
- Lightweight construction enables fast and easy installation
- Allows 4° dynamic deflection per side, reducing future pipe damage
- One product can connect pipes of two different materials

### SPECIFICATIONS STANDARDS

- HYMAX flanged outlet meets or exceeds requirements of standards: AWWA C-219, NSF-61, NSF 372.

### SIZE

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

### MATERIALS END RING

- ASTM A283/A283M Grade C steel.

### CENTER RING

- ASTM A53 Grade A steel.
- ASTM A283/A283M Grade C Steel

### FLANGED OUTLET

- Oval flange for flow meter
- Meet ANSI B16.5
- Meet AWWA Class D



### GASKET

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

### BRIDGE

- AISI 304 stainless steel.

### SPHERICAL SPACERS

- AISI 304 stainless steel.

### COATING

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

### NUTS & BOLTS

- AISI 304 stainless steel. Rolled thread and anti-galling coating



JOIN



REPAIR



RESTRAIN



TAP

**MUELLER**

## PRODUCT PERFORMANCE (\*)

### WORKING TEMPERATURE

- 20° F up to +125° F

### DYNAMIC DEFLECTION

- Up to 4° per side (Not on outlet)

### MIN. PIPE INSERTION

- 4" - 12": 2.25"

### MAXIMUM OFFSET FOR MISALIGNED PIPES

- 4" - 12": 0.20"

### MAXIMUM OUT OF ROUNDNESS

- 4" - 12": 0.31"

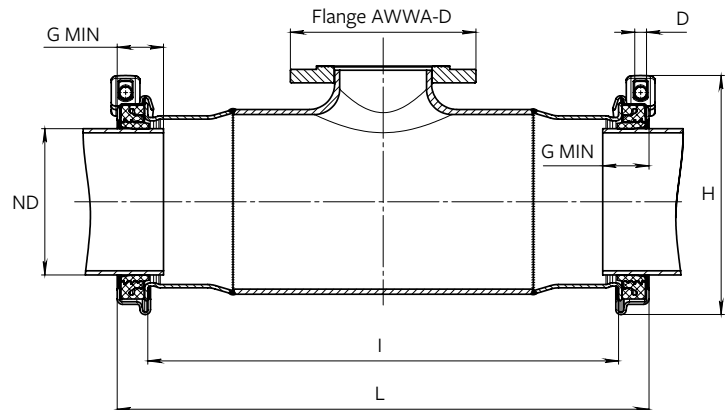
\* See submittal drawings for details.

### WORKING PRESSURE

- 175 psi

### VACUUM TEST

- 12 psi



## PRODUCT TABLES

### HYMAX 2 WITH FLANGED OUTLET NOMINAL SIZES 4" - 12"

HYMAX Part Number	ND (inch)	Flange (inch)	Overall Range (inch)	Before Flipping Gasket (inch)	After Flipping Gasket (inch)	D	H	I	L	Torque (ft-lbs)	Bolt Qty. and Size D (mm)	Torque (ft-lbs)
<b>866-54-0404-12C</b>	4	4	4.25 - 5.63	4.25 - 5.00	4.92 - 5.63	Ø8.7	9.3	17.2	20.0	75	2 - M14	45
<b>866-54-0406-12</b>	6	4	6.42 - 7.68	6.42 - 7.05	7.01 - 7.68	Ø10.8	11.3	22.0	24.8	75	2 - M14	58
<b>866-54-0408-12</b>	8	4	8.54 - 9.84	8.54 - 9.17	9.13 - 9.84	Ø12.9	13.1	19.8	22.6	75	2 - M14	77
<b>866-54-0410-12</b>	10	4	10.70 - 12.00	10.70 - 11.37	11.33 - 12.00	Ø15.0	15.6	19.8	22.6	75	2 - M14	92
<b>866-54-0412-12</b>	12	4	12.40 - 13.66	12.40 - 13.03	12.99 - 13.66	Ø16.6	17.5	19.8	22.6	80	2 - M14	87
<b>866-54-0605-12</b>	5	6	5.12 - 6.38	5.12 - 5.75	5.71 - 6.38	Ø9.5	10.0	29.2	32.0	75	2 - M14	80
<b>866-54-0606-12</b>	6	6	6.42 - 7.68	6.42 - 7.05	7.01 - 7.68	Ø10.8	11.3	22.0	24.8	75	2 - M14	70
<b>866-54-0608-12</b>	8	6	8.54 - 9.84	8.54 - 9.17	9.13 - 9.84	Ø12.9	13.1	21.8	24.6	75	2 - M14	85
<b>866-54-0610-12</b>	10	6	10.70 - 12.00	10.70 - 11.37	11.33 - 12.00	Ø15.0	15.6	21.8	24.6	75	2 - M14	97
<b>866-54-0808-12</b>	8	8	8.54 - 9.84	8.54 - 9.17	9.13 - 9.84	Ø12.9	13.1	25.7	28.5	75	2 - M14	123
<b>866-56-1010-12</b>	10	10	10.70 - 12.00	10.70 - 11.37	11.33 - 12.00	Ø15.0	15.6	28.0	30.8	75	2 - M14	148

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

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