

HYMAX[®]

a **MUELLER** brand

HYMAX[®] FLANGE ADAPTOR* AND HYMAX LONG BODY FLANGE ADAPTOR (14" - 60")

Product Specifications

FEATURES

- 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 on each end, reducing future damage

SPECIFICATIONS STANDARDS

- HYMAX flange adaptor and long body flange adaptor meet or exceed requirements of standards: NSF 61 and NSF 372.

SIZE

- Available in nominal diameter from 14" - 24" standard.
- 26" - 60" MTO (made to order). Call Mueller for details.

MATERIALS

FLANGE BODY

- 14" - 60" ASTM A283/A283M Grade C steel

FLANGE

- 14" - 24" meets AWWA class D.
- 26" - 60" Call Mueller for details.

*Registered patent



JOIN



REPAIR



RESTRAIN



TAP



END RINGS

- 14" - 16" ASTM A283/A283M Grade C steel (or ductile iron casting ASTM A536 Grade 65-45-12).
- 18" - 60" ASTM A283/A283M Grade C steel.

SPHERICAL SPACERS

- AISI 304 stainless steel.

GASKETS

- EPDM and NBR available. Both are compounded for water and sewage, meet international standards for contact with drinking water.

BRIDGE

- AISI 304 stainless steel.

COATING

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

NUTS AND BOLTS

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

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PRODUCT PERFORMANCE (*)

WORKING TEMPERATURE

- EPDM: -20° F up to +125° F
- NBR: -4° F up to +125° F

DYNAMIC DEFLECTION

- Up to 4°

MIN. PIPE INSERTION

- 14" - 60": 4"

MAXIMUM OFFSET FOR MISALIGNED PIPES

- 14" - 60": 0.24"

MAXIMUM OUT OF ROUNDNESS

- 14" - 60": 0.51"

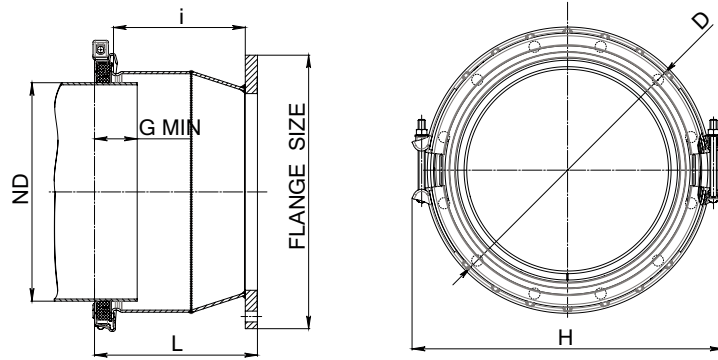
WORKING PRESSURE

- 14" - 24": 175 psi
- 26" - 60": Call Mueller for details.

VACUUM TEST

- 12 psi

PRODUCT TABLES



HYMAX FLANGE ADAPTOR NOMINAL SIZE 14" - 24"

HYMAX Part Number	ND (mm)	Flange (inch)	Overall Range (inch)	Before Removal of the Inner Layer (inch)	After Removal of the Inner Layer (inch)	D1 (inch)	H (inch)	i (inch)	L (inch)	D2 (inch)	B (inch)	Bolts Qty. and Size	Torque (ft-lb)	Approx. Weight (lbs)
874-56-14037812	14	14	15.00 - 17.10	15.00 - 16.10	16.02 - 17.10	021.0	23.2	12.05	15.1	021.0	015.43	2 - M16	150	115
874-56-16043412	16	16	17.10 - 19.20	17.10 - 18.19	18.11 - 19.20	023.2	25.6	12.05	15.1	023.5	017.91	2 - M16	150	125
874-56-18048812	18	18	19.20 - 21.30	19.20 - 20.29	20.21 - 21.30	025.3	27.8	12.05	15.1	025.0	019.09	2 - M16	150	135
874-56-20054012	20	20	21.25 - 23.35	21.25 - 22.35	22.27 - 23.35	027.3	29.8	12.05	15.2	027.5	021.34	2 - M16	150	155
874-56-24060612	24	24	23.85 - 25.95	23.85 - 24.96	24.88 - 25.95	029.1	31.7	12.05	15.4	032.0	025.91	2 - M16	150	184
874-56-24062412	24	24	24.60 - 26.70	24.60 - 25.67	25.59 - 26.70	030.6	33.2	12.05	15.4	032.0	025.91	2 - M16	150	187

HYMAX FLANGE ADAPTOR NOMINAL SIZE 26" - 60"

26" - 60" - MTO (made to order) is available

HYMAX FLANGE ADAPTOR LONG BODY NOMINAL SIZE 14" - 24"

HYMAX Part Number	ND (mm)	Flange (inch)	Overall Range (inch)	Before Removal of the Inner Layer (inch)	After Removal of the Inner Layer (inch)	D1 (inch)	H (inch)	i (inch)	L (inch)	D2 (inch)	B (inch)	Bolts Qty. and Size	Torque (ft-lb)	Approx. Weight (lbs)
974-56-14037812	14	14	15.00 - 17.10	15.00 - 16.10	16.02 - 17.10	021.0	23.2	15.8	18.7	021.0	015.43	2 - M16	150	117
974-56-16043412	16	16	17.10 - 19.20	17.10 - 18.19	18.11 - 19.20	023.2	25.6	15.8	18.7	023.5	017.91	2 - M16	150	133
974-56-18048812	18	18	19.20 - 21.30	19.20 - 20.29	20.21 - 21.30	025.3	27.8	15.8	18.7	025.0	019.09	2 - M16	150	142
974-56-20054012	20	20	21.25 - 23.35	21.25 - 22.35	22.27 - 23.35	027.3	29.8	15.8	18.8	027.5	021.34	2 - M16	150	151
974-56-24060612	24	24	23.85 - 25.95	23.85 - 24.96	24.88 - 25.95	029.1	31.7	15.8	18.9	032.0	025.91	2 - M16	150	168
974-56-24062412	24	24	24.60 - 26.70	24.60 - 25.67	25.59 - 26.70	030.6	33.2	15.8	18.9	032.0	025.91	2 - M16	150	173

HYMAX FLANGE ADAPTOR LONG BODY NOMINAL SIZE 26" - 60"

26" - 60" - MTO (made to order) is available

To learn more, visit HymaxUSA.com.

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