

HYMAX[®]



REDUCER LARGE DIAMETER

(14"-60")

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 NO-TEAR FLIP GASKET FOR EASY INSTALLATION (IN SIZES 14"-24")
- PATENTED HYDRAULICALLY-ASSISTED GASKET WITH 2-STAGE SEALING
- LIGHTWEIGHT CONSTRUCTION ENABLES FAST AND EASY INSTALLATION
- ALLOWS 4° DYNAMIC DEFLECTION ON EACH END, REDUCING FUTURE PIPE DAMAGE

SPECIFICATIONS

STANDARDS

HYMAX REDUCER MEETS OR EXCEEDS STANDARDS AWWA C-219, NSF 61, NSF 372.

SIZE

AVAILABLE IN NOMINAL DIAMETER FROM 14" - 24" STANDARD. 26" - 60" MTO (MADE TO ORDER). CALL KRAUSZ FOR DETAILS.

MATERIAL

END RINGS

14"-16"- ASTM A283 / A 283M GRADE C STEEL.
(OR DUCTILE IRON CASTING ASTM A536 GRADE 60-40-18)
18"-60"- ASTM A283 / A283M GRADE C STEEL.

CENTER RING

14"-60"- ASTM A283 / A283M GRADE C STEEL.

GASKETS

COMPOUNDED FOR WATER AND SEWAGE, MEETS INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER.
14"-24" - AVAILABLE IN EPDM FLIP GASKET.
26"-60" - EPDM ONE-LAYER GASKET.

BRIDGE

AISI 304 STAINLESS STEEL.

SPHERICAL SPACERS

AISI 304 STAINLESS STEEL.

COATING

100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION. AVERAGE THICKNESS 14 MIL.

NUTS AND BOLTS

AISI 304 STAINLESS STEEL. ROLLED THREAD AND ANTI-GALLING COATING.

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 KRAUSZ is the creator of HYMAX

PRODUCT SPECIFICATIONS

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PRODUCT PERFORMANCE

| | | | |
|-------------------------------------|------------------------------|---------------------------|------------------------------------|
| WORKING TEMPERATURE | EPDM: -20°F | | |
| DYNAMIC DEFLECTION | 14"-48" UP TO 4° PER SIDE | >48" UP TO 3° PER SIDE | |
| MAXIMUM OFFSET FOR MISALIGNED PIPES | 14"-60" 0.51" | | |
| MAXIMUM OUT OF ROUNDNESS | 14"-60" 0.51" | | |
| WORKING PRESSURE | 14"-16" 260 PSI | 18"-24" 232 PSI | 26"-60" CALL KRAUSZ FOR DETAILS |
| RATED PRESSURE | 14"-16" 390 PSI | 18"-24" 350 PSI | 26"-60" CALL KRAUSZ FOR DETAILS |
| VACUUM TEST | 12 PSI | | |

PRODUCT TABLES

ND 14"-24" EPDM

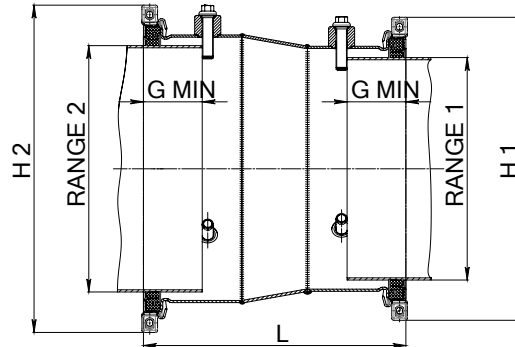
| ND (inch) | Torque Side 1 (Ft- Lb) | Torque Side 2 (Ft- Lb) |
|-----------|------------------------|------------------------|
| 14X16 | 150 | 150 |
| 16X18 | 150 | 150 |
| 18X20 | 150 | 150 |
| 20X24 | 150 | 150 |

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PRODUCT TABLES

HYMAX FLANGE ADAPTOR NOMINAL SIZE 14"-24"



| Krausz Part Number | ND (inch) | Overall Range 1 (inch) | Closed Gasket Position (inch) | Open gasket position (inch) | Overall Range 2 (inch) | Closed Gasket Position (inch) | Open gasket position (inch) | Bolts Qty. -Size | H1 (inch) | H2 (inch) | L (inch) | Approx. Weight (Lbs) |
|--------------------|-----------|------------------------|-------------------------------|-----------------------------|------------------------|-------------------------------|-----------------------------|------------------|-----------|-----------|----------|----------------------|
| 861560378043416 | 14 x 16 | 15.00-17.10 | 15.00-16.10 | 16.02-17.10 | 17.10-19.20 | 17.10-18.19 | 18.11-19.20 | 4 -M16 | 23.2 | 25.6 | 23.8 | 142 |
| 861560434048816 | 16 x 18 | 17.10-19.20 | 17.10-18.19 | 18.11-19.20 | 19.20-21.30 | 19.20-20.29 | 20.21-21.30 | 4 -M16 | 25.6 | 27.8 | 23.8 | 162 |
| 861560488054016 | 18 x 20 | 19.20-21.30 | 19.20-20.29 | 20.21-21.30 | 21.25-23.35 | 21.25-22.35 | 22.27-23.35 | 4 -M16 | 27.8 | 29.8 | 23.8 | 172 |
| 861560540060616 | 20 x 24 | 21.25-23.35 | 21.25-22.35 | 22.27-23.35 | 23.85-25.95 | 23.85-24.96 | 24.88-25.95 | 4 -M16 | 29.8 | 31.7 | 23.8 | 180 |
| 861560540062416 | 20 x 24 | 21.25-23.35 | 21.25-22.35 | 22.27-23.35 | 24.60-26.70 | 24.60-25.67 | 25.59-26.70 | 4 -M16 | 29.8 | 33.2 | 23.8 | 182 |

HYMAX REDUCER NOMINAL SIZES 26"-60"

26"-60" - MTO (MADE TO ORDER) IS AVAILABLE

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