

HYMAX[®] 2

REDUCER (2"-12")



FEATURES

- ADVANCED WIDE-RANGE COUPLING WITH A PATENTED FLIP GASKET
- 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 REDUCER MEETS OR EXCEEDS REQUIREMENTS OF STANDARDS: AWWA C-219, NSF-61, NSF 372.

SIZE

AVAILABLE IN NOMINAL DIAMETER FROM 2"-12" STANDARD.

MATERIAL

END RING ASTM A283 / A283M GRADE C STEEL.

CENTER RING ASTM A53 GRADE A STEEL.

GASKET EPDM. COMPOUNDED FOR WATER AND SEWAGE, MEET 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 MIL.

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

HYMAX[®]

Repair the past. Connect the future.

 KRAUSZ is the creator of HYMAX

PRODUCT SPECIFICATIONS

HYMAX 2

PRODUCT PERFORMANCE (*)



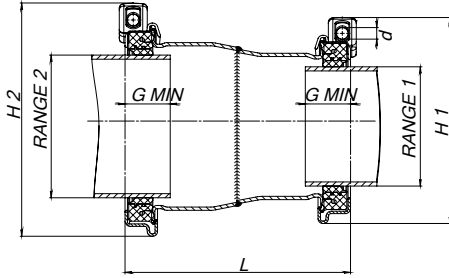
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|--|-----------------------------|
| WORKING TEMPERATURE | EPDM: -20°F UP TO +180°F |
| DYNAMIC DEFLECTION | UP TO 4° PER SIDE |
| MIN. PIPE INSERTION | 2"-12" 2.25" |
| MAXIMUM OFFSET FOR MISALIGNED PIPES | 2"-3" 4"-12" 0.39" 0.51" |
| MAXIMUM OUT OF ROUNDNESS | 2"-3" 4"-12" 0.20" 0.31" |
| WORKING PRESSURE | 260 PSI |
| RATED PRESSURE | 390 PSI |
| VACUUM TEST | 12 PSI |

* SEE SUBMITTAL DRAWINGS FOR DETAILS.

PRODUCT SPECIFICATIONS

HYMAX 2

PRODUCT TABLES



HYMAX2 REDUCER NOMINAL SIZES 2"-12"

| Krausz Part Number | ND (inch) | Overall Range 1 (inch) | Closed Gasket Position 1 (inch) | Open Gasket Position 1 (inch) | Overall Range 2 (inch) | Closed Gasket Position 2 (inch) | Open Gasket Position 2 (inch) | Torque Side 1 (Ft-Lbs) | Torque Side 2 (Ft-Lbs) | Bolts Qty. -Size | H1 (inch) | H2 (inch) | L (inch) | Approx. Weight (Lbs) |
|--------------------|-----------|------------------------|---------------------------------|-------------------------------|------------------------|---------------------------------|-------------------------------|------------------------|------------------------|------------------|-----------|-----------|----------|----------------------|
| 861540054008816 | 2 x 3 | 2.10-3.03 | 2.10-2.60 | 2.56-3.03 | 3.46-4.33 | 3.46-3.90 | 3.86-4.33 | 50 | 50 | 2 -M12 | 5.7 | 7.1 | 7.8 | 9 |
| 861540054010816 | 2 x 4 | 2.10-3.03 | 2.10-2.60 | 2.56-3.03 | 4.25-5.63 | 4.25-5.00 | 4.92-5.63 | 50 | 75 | 2 -M14 | 5.7 | 9.3 | 13.7 | 15 |
| 861540088010816 | 3 x 4 | 3.46-4.33 | 3.46-3.90 | 3.86-4.33 | 4.25-5.63 | 4.25-5.00 | 4.92-5.63 | 50 | 75 | 2 -M14 | 7.1 | 9.3 | 8.8 | 13 |
| 861540108013016 | 4 x 5 | 4.25-5.63 | 4.25-5.00 | 4.92-5.63 | 5.12-6.38 | 5.12-5.75 | 5.71-6.38 | 75 | 75 | 2 -M14 | 9.3 | 10.0 | 9.8 | 16 |
| 861540108016316 | 4 x 6 | 4.25-5.63 | 4.25-5.00 | 4.92-5.63 | 6.42-7.68 | 6.42-7.05 | 7.01-7.68 | 75 | 75 | 2 -M14 | 9.3 | 11.3 | 9.8 | 20 |
| 861540130016316 | 5 x 6 | 5.12-6.38 | 5.12-5.75 | 5.71-6.38 | 6.42-7.68 | 6.42-7.05 | 7.01-7.68 | 75 | 75 | 2 -M14 | 10.0 | 11.3 | 10.8 | 20 |
| 861540163019016 | 6 x 7 | 6.42-7.68 | 6.42-7.05 | 7.01-7.68 | 7.48-8.74 | 7.48-8.11 | 8.07-8.74 | 75 | 75 | 2 -M14 | 11.3 | 12.2 | 10.8 | 22 |
| 861540163021716 | 6 x 8 | 6.42-7.68 | 6.42-7.05 | 7.01-7.68 | 8.54-9.84 | 8.54-9.17 | 9.13-9.84 | 75 | 75 | 2 -M14 | 11.3 | 13.1 | 10.8 | 24 |
| 861540190021716 | 7 x 8 | 7.48-8.74 | 7.48-8.11 | 8.07-8.74 | 8.54-9.84 | 8.54-9.17 | 9.13-9.84 | 75 | 75 | 2 -M14 | 12.2 | 13.1 | 10.8 | 26 |
| 861540217027216 | 8 x 10 | 8.54-9.84 | 8.54-9.17 | 9.13-9.84 | 10.70-12.00 | 10.70-11.37 | 11.33-12.00 | 75 | 75 | 2 -M14 | 13.1 | 15.6 | 10.8 | 29 |
| 861540217031516 | 8 x 12 | 8.54-9.84 | 8.54-9.17 | 9.13-9.84 | 12.40-13.66 | 12.40-13.03 | 12.99-13.66 | 75 | 80 | 2 -M14 | 13.1 | 17.5 | 10.8 | 47 |
| 861540272027816 | 10 x 10 | 10.70-12.00 | 10.70-11.37 | 11.33-12.00 | 10.96-12.26 | 10.96-11.63 | 11.59-12.26 | 75 | 75 | 2 -M14 | 15.6 | 15.8 | 10.8 | 32 |
| 861540272031516 | 10 x 12 | 10.70-12.00 | 10.70-11.37 | 11.33-12.00 | 12.40-13.66 | 12.40-13.03 | 12.99-13.66 | 75 | 80 | 2 -M14 | 15.6 | 17.5 | 10.8 | 36 |
| 861540278031516 | 10 x 12 | 10.96-12.26 | 10.96-11.63 | 11.59-12.26 | 12.40-13.66 | 12.40-13.03 | 12.99-13.66 | 75 | 80 | 2 -M14 | 15.8 | 17.5 | 10.8 | 36 |
| 861540278033416 | 10 x 12 | 10.96-12.26 | 10.96-11.63 | 11.59-12.26 | 13.15-14.41 | 13.15-13.78 | 13.74-14.41 | 75 | 80 | 2 -M14 | 15.8 | 18.1 | 10.8 | 36 |
| 861540315033416 | 12 x 12 | 12.40-13.66 | 12.40-13.03 | 12.99-13.66 | 13.15-14.41 | 13.15-13.78 | 13.74-14.41 | 80 | 80 | 2 -M14 | 17.5 | 18.1 | 10.8 | 37 |

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Repair the past. Connect the future.

 **KRAUSZ** is the creator of HYMAX

331SW 57TH AVENUE, OCALA, FLORIDA 34474

TEL: 855-457-2879 | 855-4KRAUSZ

FAX: 352-304-5787

info@krauszusa.com | www.krauszusa.com

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