

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.

HYMAX[®]

Repair the past. Connect the future.

 KRAUSZ is the creator of HYMAX

PRODUCT SPECIFICATIONS

HYMAX[®]



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

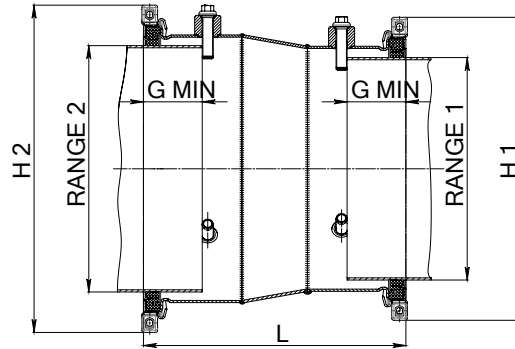
ND (inch)	Torque Side 1 (Ft- Lb)	Torque Side 2 (Ft- Lb)
14X16	150	150
16X18	150	150
18X20	150	150
20X24	150	150

PRODUCT SPECIFICATIONS

HYMAX[®]

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)
861540378043416	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
861540434048816	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
861540488054016	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
861540540060616	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
861540540062416	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

HYMAX[®]

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

This product is protected under a registered patent. See Krausz website for details. Copyright © 2017 Krausz Industries Ltd., All rights reserved

PS0115 REV B