



## HYMAX GRIP® LARGE DIAMETER<sup>1</sup> (DN350-DN400)

### PRODUCT SPECIFICATIONS

#### FEATURES

- THE FIRST RESTRAINT PRODUCT OF ITS SIZE WITH ONLY FOUR TOP-FACING BOLTS AND A STAB-FIT, ONE PIECE DESIGN- FOR FASTER AND SAFER INSTALLATION
- EXERTS GRIPPING POWER EQUAL TO 55 TONS ON CONNECTING PIPES
- RESTRAINS BOTH PLASTIC AND METAL PIPES, INCLUDING HDPE, AND REPLACES THE NEED TO USE DEDICATED PRODUCTS
- PATENTED GRIP CHAIN OFFERS CIRCULAR RESTRAINT AROUND THE PIPE
- PATENTED RADIAL CLOSING MECHANISM HOLDS PIPES TIGHTLY IN PLACE DURING INSTALLATION
- ALLOWS DYNAMIC DEFLECTION OF THE PIPE FOR UP TO 4° PER SIDE, REDUCING FUTURE PIPE CRACKS AND BREAKS

#### SPECIFICATIONS<sup>2</sup>

##### STANDARDS<sup>3</sup>

HYMAX GRIP LARGE DIAMETER MEETS OR EXCEEDS STANDARDS NSF-61 AND NSF-372. PRODUCTS WERE APPROVED BY 3RD PARTY ILAC LAB ACCORDING TO EN 14525.

##### SIZE

AVAILABLE IN NOMINAL DIAMETER 350mm-400mm.

##### MATERIALS

###### END RINGS

DUCTILE IRON CASTING ASTM A536 GRADE 65-45-12.

###### CENTER RING

DUCTILE IRON CASTING ASTM A536 GRADE 65-45-12. ALL PRODUCT SIZES WITH LIFTING EYE.

###### GASKET

EPDM COMPOUNDED FOR WATER AND SEWERAGE, MEETS INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER: NSF-61, KTW-UBA ELASTOMER GUIDELINE, W270, XP P 41-250, AS/NZS 4020, AND BS 6920. MEETS DIN EN 681-1 FOR WATER AND DRAINAGE APPLICATIONS.

###### GRIP CHAIN

GRIPPING TEETH: FN-0405 (Fe4Ni05Mo).

###### BRIDGE

AISI 304 STAINLESS STEEL.

###### SPHERICAL SPACERS

AISI 304 STAINLESS STEEL.

###### COATING

100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION. MINIMUM THICKNESS 250 MICRON. MEETS NSF-61, BS 6920, W270, ONORM B 5014-1, XP P 41-250, AS/NZS 4020, UBA-COATINGS GUIDELINE, AND GSK.

###### BOLTS, NUTS & WASHERS

AISI 304/316 STAINLESS STEEL. ROLLED THREAD AND ANTI GALLING COATING.

<sup>1</sup> The product is protected by various patents registered in various countries.

<sup>2</sup> For details about Made to Order (MTO) products please contact your KRAUSZ distributor.

<sup>3</sup> For the updated status of the product standards, please contact your local KRAUSZ representative.

## PRODUCT PERFORMANCE

### WORKING TEMPERATURE

EPDM GASKET

CONTINUOUS OPERATION | -30°C UP TO +85°C

SHORT TIME OPERATION | -30°C UP TO +100°C

EPOXY COATING

ABOVE GROUND APPLICATIONS | UP TO +50°C

BELOW GROUND APPLICATIONS | UP TO +65°C

### DYNAMIC DEFLECTION

UP TO 4° PER SIDE

### MIN. PIPE INSERTION

150mm

### MAX. PIPE INSERTION

210mm

### MAXIMUM OFFSET FOR MISALIGNED PIPES

6mm

### MAXIMUM OUT OF ROUNDNESS

4mm

### VACUUM TEST

0.8 atm

## PRESSURES

### WORKING PRESSURE

350mm

17 atm

400mm

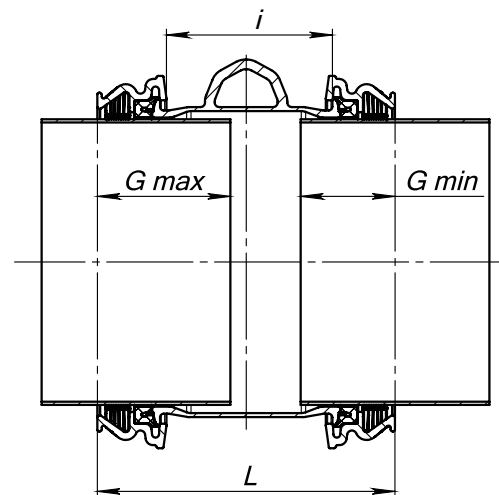
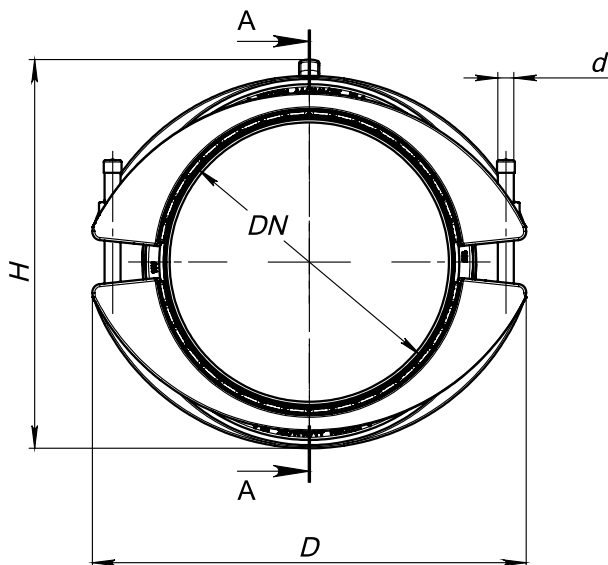
17 atm

### RATED PRESSURE

34 atm

34 atm

## PRODUCT TABLES



## HYMAX LARGE DIAMETER NOMINAL SIZES DN350-DN400

Krausz Part Number	DN (mm)	DN (inch)	Overall Range (mm)	i (mm)	L (mm)	H (mm)	D (mm)	Bolts Qty. -Size	Torque (Nm)	Approx. Weight (kg)
890-825-14384-17	350	14	384-400	274	473	564	635	4 - 1"	475	105
890-825-16438-17	400	16	438-454	274	473	617	688	4 - 1"	475	115

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