



HYMAX[®] GRIP

(80mm - 300mm FLANGE ADAPTER)



PRODUCT SPECIFICATIONS

FEATURES

- JOINS AND RESTRAINS A WIDE RANGE OF PIPING TYPES AND DIAMETERS WITH FLANGED DEVICES
- UNIQUE RADIAL GRIPPING SYSTEM PREVENTS PIPE MOTION
- UNIVERSAL GRIPPING TEETH FIT METAL AND PLASTIC PIPES
- READY TO USE, STAB-FIT DESIGN
- ALLOWS 4° DYNAMIC DEFLECTION, REDUCING FUTURE DAMAGE
- DURABLE DUCTILE IRON BODY
- PATENTED PROGRESSIVE PRESSURE-ASSISTED GASKET WITH 2-STAGE SEALING

SPECIFICATIONS (*)

STANDARDS

ALL PRODUCTS MEET OR EXCEED STANDARDS NSF-61 AND NSF-372.

SIZE

AVAILABLE IN NOMINAL DIAMETER SIZES 80mm – 300mm.

RANGES

26mm: NOMINAL DIAMETERS 80mm – 100mm.
32mm: NOMINAL DIAMETERS 125mm – 175mm.
50mm: NOMINAL DIAMETERS 175mm – 300mm.

MATERIALS

FLANGED BODY

80mm – 300mm: DUCTILE IRON CASTING ASTM A536 GRADE 65-45-12.

FLANGES

PN-10/16: 80mm – 300mm

END RINGS

80mm: CAST STEEL ASTM A216 WCB.
100mm – 300mm: DUCTILE IRON CASTING ASTM A536 GRADE 60-40-18.

GASKET

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

GRIP CHAIN

SIZE	80mm	100mm - 175mm	175mm - 300mm
MATERIAL	AISI-440C	AISI-420 2B	AISI-420

BRIDGE

AISI 304 STAINLESS STEEL.

SPHERICAL SPACERS

AISI 304L STAINLESS STEEL.

COATING

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

NUTS AND BOLTS

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

* For details about Made to Order (MTO) products please contact your KRAUSZ distributor.

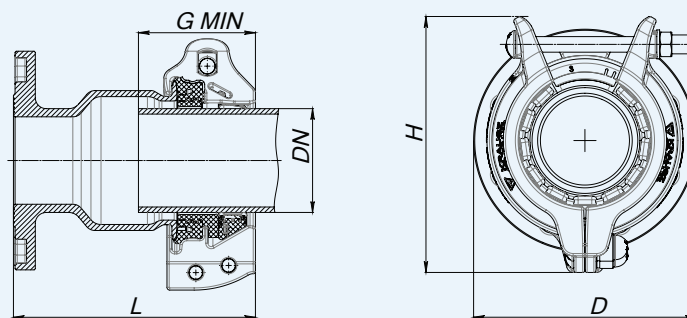
PRODUCT PERFORMANCE (*)

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°
MIN. PIPE INSERTION	RANGE ≤ 32mm 50mm MIN. PIPE INSERTION 95mm 125mm
MAXIMUM OFFSET FOR MISALIGNED PIPES	80mm – 300mm 3 mm
MAXIMUM OUT OF ROUNDNESS	NOMINAL DIAMETER ≤ 80mm ≥ 100mm OUT OF ROUNDNESS 3mm 4mm
WORKING PRESSURE	80mm – 300mm 16 BAR
RATED PRESSURE	1.5 X WORKING PRESSURE
VACUUM TEST	0.8 BAR

* See Submittal Drawings For Details.

PRODUCT TABLES

HYMAX GRIP FLANGE ADAPTOR 80-175

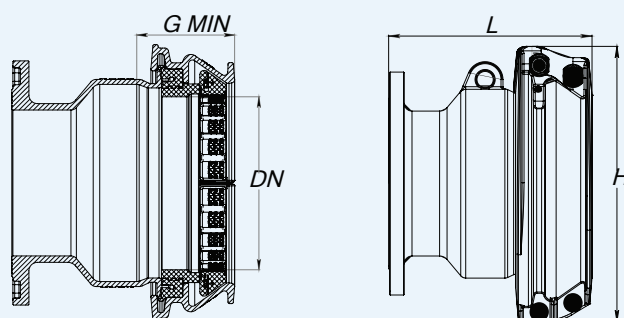


HYMAX GRIP FLANGE ADAPTOR NOMINAL SIZES 80-175mm

Krausz Part Number	DN (mm)	Overall Range (mm)	Before removal of inner layer (mm)	After removal of inner layer (mm)	L (mm)	H (mm)	D (mm)	Bolts Qty. -Size	Torque (Nm)	Approx. Weight (kg)
130-825-030080-16	80	80-106	80-95	94-106	222	230	200	1-M14	70	9.03
130-825-04104-16	100	104-130	104-119	118-130	222	249	229	1-M16	100	10.96
130-825-05130-16	125	130-162	130-146	145-162	251	294	254	1-M16	110	15.33
130-825-06158-16	150	158-190	158-174	173-190	260	325	285	1-M16	110	18.19
130-825-07198-16	175	198-230	198-214	213-230	283	369	315	1-M16	110	23.84

PRODUCT TABLES

HYMAX GRIP FLANGE ADAPTOR 175-300



HYMAX GRIP FLANGE ADAPTOR NOMINAL SIZES 175-300mm

Krausz Part Number	DN (mm)	Overall Range (mm)	Before removal of inner layer (mm)	After removal of inner layer (mm)	L (mm)	H (mm)	D (mm)	Bolts Qty. -Size	Torque (Nm)	Approx. Weight (kg)
130-825-07190-16	175	190-240	190-215	214-240	312	398	355	2-M16	110	34.19
130-825-08214-16	200	214-264	214-239	238-264	313	405	380	2-M16	120	36.95
130-825-10266-16	250	266-316	266-291	290-316	327	461	433	2-M16	120	48.33
130-825-12312-16	300	312-362	312-337	336-362	329	505	479	2-M16	160	56.7