



HYMAX GRIP® FLANGE ADAPTOR¹ (DN40 - DN300)

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

SPECIFICATIONS²

STANDARDS³

ALL PRODUCTS MEET OR EXCEED STANDARDS NSF-61 AND NSF-372.
PRODUCTS WERE APPROVED BY 3RD PARTY ILAC LAB ACCORDING TO EN 14525.

SIZE

AVAILABLE IN NOMINAL DIAMETER SIZES 40mm – 300mm.

RANGES

26mm-28mm: NOMINAL DIAMETERS 40mm – 100mm.
32mm: NOMINAL DIAMETERS 125mm – 175mm.
50mm: NOMINAL DIAMETERS 175mm – 300mm.

MATERIALS

FLANGED BODY

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

FLANGES

COMPATIBLE WITH EN 1092-1 PN10/16.
ANSI 125 AND 150, BSTD BOLT PATTERNS.

END RINGS

40mm - 80mm: CAST STEEL ASTM A216 WCB.
100mm – 300mm: DUCTILE IRON CASTING ASTM A536 GRADE 65-45-12.

GASKET

EPDM COMPOUNDED FOR WATER AND SEWERAGE, MEETS INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER: NSF-61, NSF-372, 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

SIZE | 40mm - 80mm | 100mm - 300mm
MATERIAL | FN-0405 (Fe4Ni05Mo) | AISI-420

BRIDGE

AISI 304/316 STAINLESS STEEL.

SPHERICAL SPACERS

AISI 304/316 STAINLESS STEEL.

COATING

100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION.
MINIMUM THICKNESS 250 MICRON. MEETS NSF-61, NSF-372, BS 6920, W270, ONORM B 5014-1, XP P 41-250, AS/NZS 4020, UBA-COATINGS GUIDELINE, AND GSK.

¹ The product is protected by various patents registered in various countries.

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

³ 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 | 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

40mm – 300mm
3 mm

MAXIMUM OUT OF ROUNDNESS

RANGE	≤ 32mm	50mm
NOMINAL DIAMETER	40mm-80mm	100-175mm
OUT OF ROUNDNESS	3mm	4mm
		5mm

WORKING PRESSURE

16 BAR¹

RATED PRESSURE

24 BAR²

VACUUM TEST

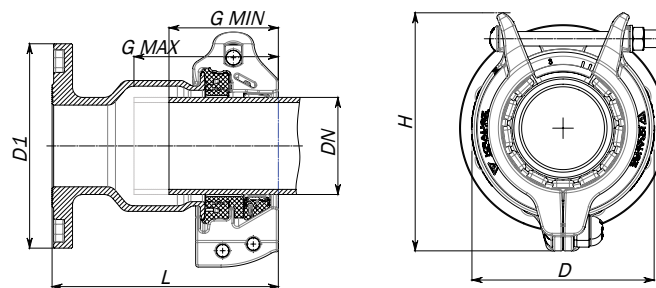
0.8 BAR

¹ For DN300 50mm range, 10 BAR for above ground application for working pressure, 15 BAR for rated pressure.

² For DN 100-300, 29 BAR for steel/DI pipes and 24 BAR for HDPE/PVC pipes.

PRODUCT TABLES

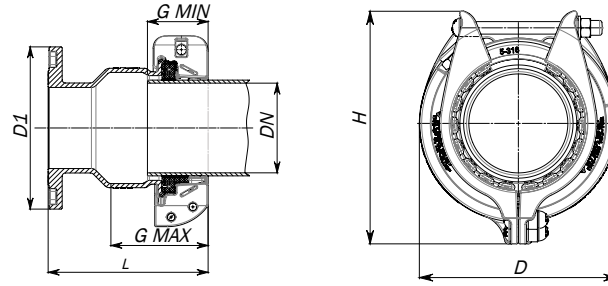
HYMAX GRIP FLANGE ADAPTOR DN40 - DN80



HYMAX GRIP FLANGE ADAPTOR DN40 - DN80

Krausz Part Number	DN	Flange (mm)	Overall Range (mm)	Before removal of inner layer (mm)	After removal of inner layer (mm)	L (mm)	D (mm)	H (mm)	D1 (mm)	G-Max Stab Depth (mm)	Bolts Qty.-Size	Torque (N-m)	Weight (kg)
130-827-015039-16	40/50	50	39-67	39-56	55-67	178	136	190	156	114	1-M14	65	5.2
130-827-025059-16	60/65	60/65	59-87	59-76	75-87	182	157	205	185	115	1-M14	65	7.0
130-827-030080-16	80	80	80-106	80-95	94-106	222	176	230	200	140	1-M14	65	9.64

HYMAX GRIP FLANGE ADAPTOR DN100 - DN175

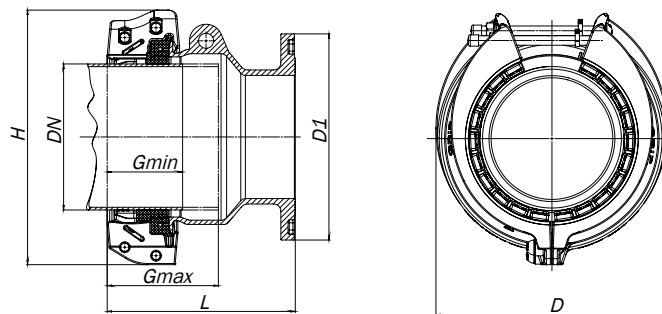


X=5 -> 304 STAINLESS STEEL

X=7 -> 316 STAINLESS STEEL

Krausz Part Number	DN	Flange (mm)	Overall Range (mm)	Before removal of inner layer (mm)	After removal of inner layer (mm)	L (mm)	D (mm)	H (mm)	D1 (mm)	G-Max Stab Depth (mm)	Bolts Qty.-Size	Torque (N-m)	Weight (kg)
130-82X-04104-16	100	100	104-130	104-118	117-130	221	199	249	229	140	1-M16	100	11.2
130-82X-05130-16	125	125	130-162	130-146	145-162	250	253	299	254	150	1-M16	110	15.8
130-82X-06158-16	150	150	158-190	158-174	173-190	260	280	330	285	155	1-M16	130	18.7
130-82X-08198-16	175/200	200	198-230	198-214	213-230	282	324	375	343	155	1-M16	130	25.1

HYMAX GRIP FLANGE ADAPTOR DN175 - DN300



HYMAX GRIP FLANGE ADAPTOR DN175 - DN300

X=5 -> 304 STAINLESS STEEL

X=7 -> 316 STAINLESS STEEL

Krausz Part Number	DN	Flange (mm)	Overall Range (mm)	Before removal of inner layer (mm)	After removal of inner layer (mm)	L (mm)	D (mm)	H (mm)	D1 (mm)	G-Max Stab Depth (mm)	Bolts Qty.-Size	Torque (N-m)	Weight (kg)
130-82X-08190-16	175	200	190-240	190-215	214-240	313	366	398	343	185	2-M16	120	33
130-82X-08214-16	200	200	214-264	214-239	238-264	313	390	424	343	185	2-M16	140	37.7
130-82X-10266-16	250	250	266-316	266-291	290-316	329	442	480	407	190	2-M16	140	49.3
130-82X-12312-16	300	300	312-362	312-337	336-362	329	489	525	483	190	2-M16	180	57.9

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