



HYMAX[®] GRIP

(40mm - 300mm END CAP)



PRODUCT SPECIFICATIONS

FEATURES

- CAPS A WIDE RANGE OF PIPING TYPES AND DIAMETERS
- 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 40mm – 300mm.

RANGES

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

MATERIALS

END RINGS

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

END CAP BODY

40mm – 300mm: DUCTILE IRON CASTING ASTM A536 GRADE 65-45-12.
PRODUCT SIZES 40mm – 65mm NO HANDLE AND ONE 2G BSP OUTLET.
PRODUCT SIZES 80mm – 300mm WITH HANDLE AND TWO 2G BSP OUTLETS.

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	40mm – 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 OUT OF ROUNDNESS

NOMINAL DIAMETER | ≤ 80mm | ≥100mm

OUT OF ROUNDNESS | 3mm | 4mm

WORKING PRESSURE

40mm – 300mm

16 BAR

RATED PRESSURE

1.5 X WORKING PRESSURE

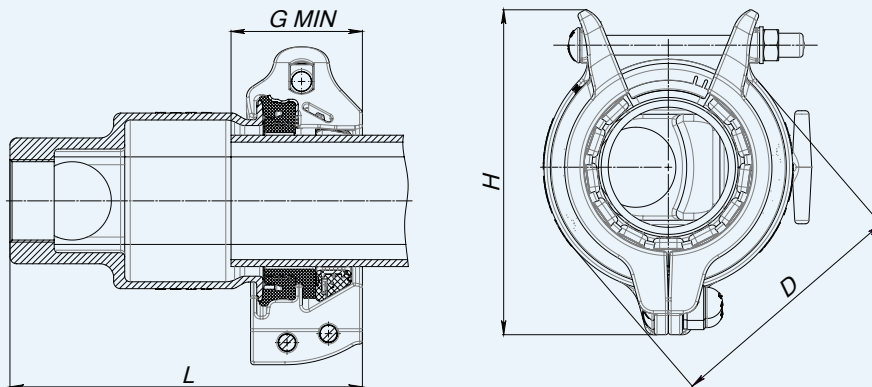
VACUUM TEST

0.8 BAR

* See Submittal Drawings For Details.

PRODUCT TABLES

HYMAX GRIP END CAP 40-80

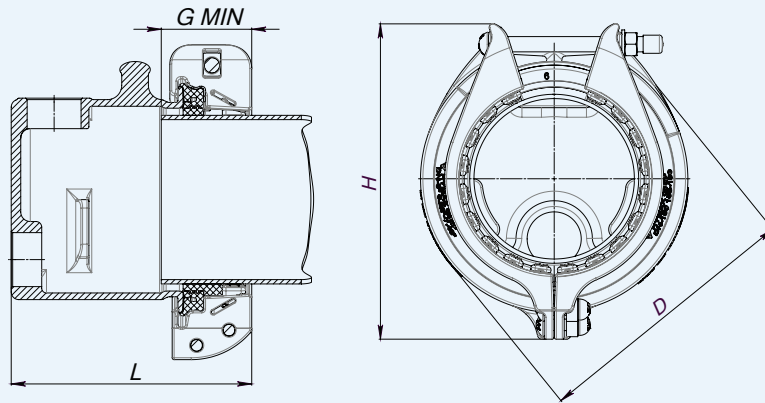


HYMAX GRIP END CAP NOMINAL SIZES 40-80mm

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)
867-825-015039-16	40-50	39-67	39-56	55-67	172	190	136	1-M14	70	4.77
867-825-025059-16	65	59-87	59-76	75-87	211	205	157	1-M14	70	6.96
867-825-030080-16	80	80-106	80-95	94-106	254	230	176	1-M14	70	8.94

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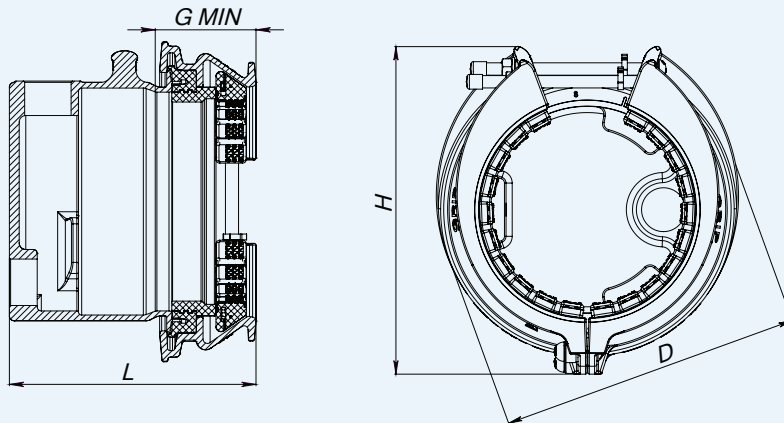
HYMAX GRIP END CAP 100-175



HYMAX GRIP END CAP NOMINAL SIZES 100-175mm

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)
867-825-04104-16	100	104-130	104-118	117-130	251	249	199	1-M16	100	10
867-825-05130-16	125	130-162	130-146	145-162	253	299	253	1-M16	110	16
867-825-06158-16	150	158-190	158-174	173-190	253	325	276	1-M16	110	16.56
867-825-07198-16	175	198-230	198-214	213-230	254	369	321	1-M16	110	20.54

HYMAX GRIP END CAP 175-300



HYMAX GRIP END CAP 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)
867-825-07190-16	175	190-240	190-215	214-240	300	398	355	2-M16	110	32.79
867-825-08214-16	200	214-264	214-239	238-264	301	424	380	2-M16	120	37.61
867-825-10266-16	250	266-316	266-291	290-316	302	480	433	2-M16	120	45.51
867-825-12312-16	300	312-362	312-337	336-362	302	525	479	2-M16	160	52.12