

HYMAX GRIP[®] SWIVEL JOINT¹ (DN 100 – DN 300)

Product Specifications

FEATURES

- Unique product with one swiveling end
- Joins and restrains a wide range of pipe types and diameters, at any angle from 0° to 90°
- Unique radial gripping system prevents pipe motion
- Universal gripping teeth grip metal and plastic pipes
- Ready to use, stab-fit design
- Suitable for steel, ductile iron, cast iron, GRP, and PVC-U pipes
- Allows 4° dynamic deflection per end
- Ductile Iron construction
- Patented hydraulically-assisted gasket with 2-stage sealing

SPECIFICATIONS²

STANDARDS³

- HYMAX GRIP SWIVELJOINT meets and exceeds standards NSF 61 and NSF 372. Products were approved by 3rd party ILAC lab according to EN 14525.

SIZE

- Available in nominal diameter sizes DN100, DN150, DN200, DN250 & DN300.

MATERIALS

END RINGS

- Ductile iron EN-GJS-400-18-LT/ASTM A536 Grade 65-45-12.

CENTER LOCKING RINGS

- Ductile iron casting ASTM A536 60-40-18.



BODIES

- (Center Ring) - Ductile iron EN-GJS-450-10/ASTM A536 Grade 65-45-12.

GASKET

- EPDM compounded for water and sewage, meets international standards for contact with drinking water: NSF-61, KTWUBA 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

- EN 1.4021/SAE AISI 420 2B.

BRIDGE

- EN 1.4301/SAE AISI 304 Stainless Steel.

SPHERICAL SPACERS

- EN 1.4301/SAE AISI 304 Stainless Steel.

COATING

- 100% fusion bonded epoxy for enhanced corrosion protection.
- Minimum thickness 250 microns.
- Meets NSF-61, WRAS, 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.



JOIN



REPAIR



RESTRAIN



TAP

BOLTS, NUTS AND WASHERS

- EN 1.4301/SAE AISI 304 Stainless Steel. Rolled thread and anti-galling coating.

PRODUCT PERFORMANCE

WORKING TEMPERATURE

- **EPDM GASKET**

Continuous operation | -30°C to +85°C

Short-term operation | -30°C to +100°C

- **EPOXY COATING**

Above ground application | Up to +50°C

Below ground application | Up to +65°C

DYNAMIC DEFLECTION

- Up to 4° per side

MINIMUM PIPE INSERTION

- 90mm

WORKING PRESSURE

- 16bar

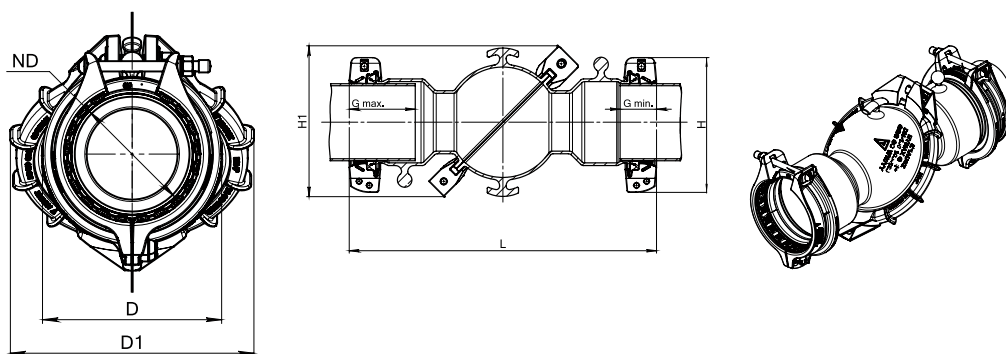
TEST PRESSURE

- 24bar

VACUUM TEST

- 0.8bar

PRODUCT TABLES



HYMAX GRIP SWIVELJOINT NOMINAL SIZE DN 100 - DN 300

Part Number	DN	Tolerance Range (mm)	L (mm)	D (mm)	H (mm)	D1 (mm)	H1 (mm)	G - Max (mm)	Bolts Quantity/ Size	Torque (Nm) Centre-Bolt	Torque (Nm) End-Bolts	Approx. Weight (kg)
892-825-04111-16	DN100	111-129	643	222	270	315	310	155	3xM16	60	125	37
892-825-06165-16	DN150	165-183	744	276	327	376	361	175	3xM16	80	145	46.5
892-825-08216-16	DN200	216-239	805	350	399	417	391	170	3xM20	80	270	71.5
892-825-10270-16	DN250	270-293	845	412	463	466	431	175	3xM20	80	270	83
892-825-12322-16	DN300	322-340	1012	445	504	606	534	190	3xM20	145	270	123

For more information about us, or to view our full line of products, please visit www.mueller-international.com or call International Customer Service at:

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