

KRAUSZ®

a MUELLER brand

HYMAX® GRIP SWIVEL JOINT

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
- Allows 4° dynamic deflection per end
- Ductile Iron construction
- Patented hydraulically-assisted gasket with 2-stage sealing



SPECIFICATIONS

SIZE

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

MATERIALS

END RINGS

- Ductile iron EN-GJS-400-18-LT/ASTM A536 Grade 60-40-18

CENTRE RING

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

GASKET

- EPDM for water and drainage, meets international standards for contact with potable water: NFS-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

- 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
- Average thickness 250µ
- Meets NSF-61, WRAS, W270, ONORM B 5014-1, XP P 41-250, AS/NZS 4020, UBA-coatings guideline and GSK

BOLTS, NUTS AND WASHERS

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

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PRODUCT PERFORMANCE

WORKING TEMPERATURE

- EPDM Gasket – Below Ground
- Continuous operation | -30°C to +85°C
- Short-term operation | -30°C to +100°C

DYNAMIC DEFLECTION

- Up to 4° per side

MINIMUM PIPE INSERTION

- 90mm

WORKING PRESSURE

- 16bar

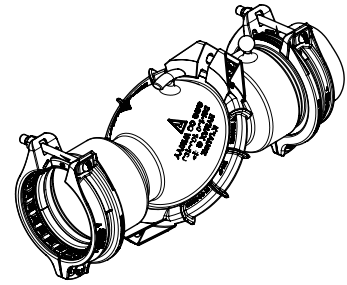
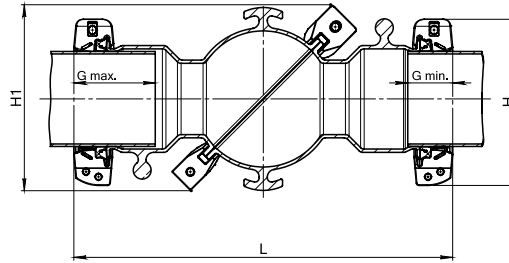
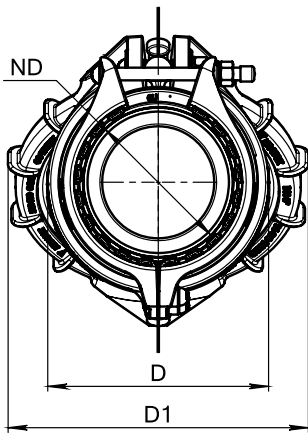
TEST PRESSURE

- 24bar

VACUUM TEST

- 0.8bar

PRODUCT TABLE



HYMAX® GRIP SWIVELJOINT NOMINAL SIZE

Part Number	Nominal Bore	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)
892-56-04111-16	DN100	111.8 - 129.6	642.6	221.0	269.2	315.0	309.9	154.9	3 x M16	61	122	69
892-56-06165-16	DN150	165.1 - 182.9	744.2	276.9	327.7	375.9	360.7	175.3	3 x M16	81	149	45
892-56-08216-16	DN200	215.9 - 238.8	805.2	350.5	398.8	416.6	391.2	175.3	3 x M20	81	271	66
892-56-10270-16	DN250	270.5 - 293.4	845.8	411.5	462.3	467.4	431.8	175.3	3 x M20	81	271	83
892-56-12322-16	DN300	322.0 - 340.1	1010.9	442.0	502.9	607.1	533.4	190.5	3 x M20	149	271	123

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UK: +44.1438.487410 Dubai: +971.4.214.6640 Singapore: +65.6816.3088 USA: +1.800.423.1323 International@muellerwp.com

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