

SECTION A-A

RELEASED



Material information:

- 1) HYMAX GRIP meets and exceeds standards:
AWWA C219, NSF-61 and NSF-372.
- 2) Center ring - Ductile iron casting ASTM A536 grade 65-45-12.
- 3) End Rings - Couple of parts(A-part and B-part).
made of Cast Steel ASTM A216 WCB.
- 4) Gaskets - EPDM compounded for water
and sewerage, meets international
standards for contact with drinking water.
Working Temperature:
for continuous operations: -20°F up to +180°F.
for short time operations: up to +215°F.
- 5) Bolts, Nuts and Washers - AISI 304 stainless steel.
Rolled thread and anti galling coating.
- 6) Spherical spacers - AISI 304 stainless steel.
- 7) Bridge - AISI 304 stainless steel.
- 8) Gripping teeth - Fe2Ni,
hardened and coated with Zinc-Nickel TL 244 Ofl-r673.
- 9) Coating - 100% Fusion bonded epoxy
for enhanced corrosion protection.
Average thickness 14 Mil.
Working Temperature:
above ground applications: up to +125°F.
under ground applications: up to +150°F.

Krausz Part Number	ND (inch)	Range 1			Range 2			L (inch)	L1 (inch)	L2 (inch)	Bolts Qty.-Size d (mm)	Torque (ft-lbs)	Approx Weight (lb)
		Overall Range (inch)	Before removal the inner layer (inch)	After removal the inner layer (inch)	Overall Range (inch)	Before removal the inner layer (inch)	After removal the inner layer (inch)						
863560039005916	(1.5/2) x 2.5	1.54-2.64	1.54-2.20	2.17-2.64	2.32-3.43	2.32-2.99	2.95-3.43	11.89	8.05	6.18	2 - M14	50	18.36
863560059008016	2.5 x 3	2.32-3.43	2.32-2.99	2.95-3.43	3.15-4.17	3.15-3.74	3.70-4.17	11.89	9.05	6.93	2 - M14	50	24.71

Product performance	
Dynamic deflection per side	up to 4°
G - Min. pipe Insertion	3.6"
G - Max. pipe Insertion	5.5"
Maximum offset for misaligned pipe	0.25"
Maximum out of roundness	0.12 "
MAX ΔT for HDPE pipes SDR9	85°F
Working Pressure	232 PSI
Rated Pressure	350 PSI
Vacuum Test	12 PSI

Weight:

See Table

Part Name:

HYMAX GRIP REDUCER 1.5"-3"

Scale

	Date	Name
Design	17.12.2014	Ryvzh
Check	11.05.2015	Galina E.
Appr.	11.05.2015	Tzah Gr.

Catalog No.

SD863-56-02

DO NOT
SCALE
DRAWING

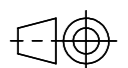
Drawing No.

SD863-56-02

Sheet
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Size
A3