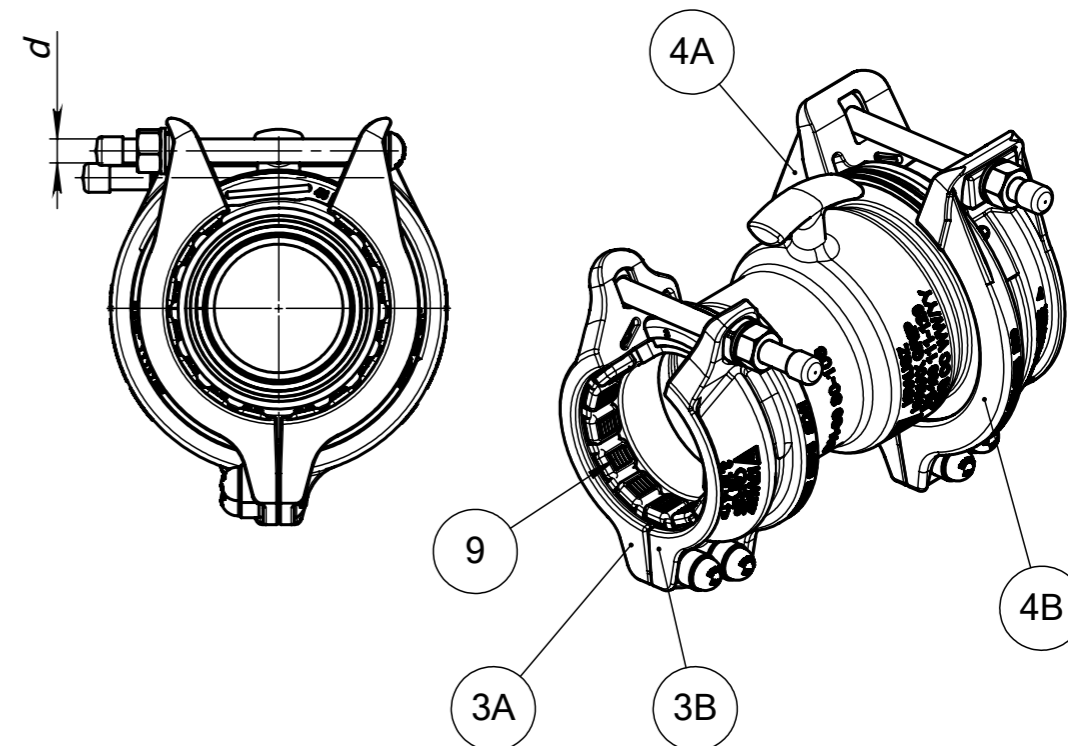


SECTION A-A

REVISIONS					
REV.	DESCRIPTION	ECO	DRAWN	APPROVED	DATE
E	Changing torque	19000106	Galina E.	Tzah Gr.	03/07/2019



Material information:


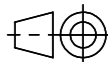
- 1) HYMAX GRIP meets and exceeds standards:
AWWA C219, NSF-61 and NSF-372.
- 2) Center ring - Ductile iron casting ASTM A536 grade 65-45-12.
- 3) End Rings 3" - Couple of parts(A-part and B-part).
made of Cast Steel ASTM A216 WCB.
- 4) End Rings 4" - Couple of parts(A-part and B-part).
made of Ductile iron casting ASTM A536 grade 60-40-18.
- 5) 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.
Gasket 3" - 2 layers, Gasket 4" - 1 layer.
- 6) Bolts, Nuts and Washers - AISI 304 stainless steel.
Rolled thread and anti galling coating.
- 7) Spherical spacers - AISI 304 stainless steel.
- 8) Bridge - AISI 304 stainless steel.
- 9) Gripping Teeth :
3" -Fe2Ni, hardened and coated with Zinc-Nickel TL 244 OfI-r673.
4"- AISI420, hardened and coated with Zinc Flake System.
- 10) 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.

RELEASED



Krausz Part Number	ND (inch)	Range 1			Range 2	L (inch)	H1 (inch)	H2 (inch)	G max 1 (inch)	G max 2 (inch)	Bolts Qty.-Size d (inch)	Torque 1 (ft-lbs)	Torque 2 (ft-lbs)
		Overall Range 1 (inch)	Before removal the inner layer 1 (inch)	After removal the inner layer 2 (inch)	Overall Range 2 (inch)								
863560080011116	3 x 4	3.15-4.17	3.15-3.74	3.70-4.17	4.40-5.10	12.2	9.05	10.6	5.9	5.3	2 - 5/8	50	90

Product performance	
Dynamic deflection per side	up to 4°
G - Min. pipe Insertion	3.6"
G - Max. pipe Insertion	see table
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: Approx. 30 Lbs			Part Name: HYMAX GRIP REDUCER 3" x 4"		Scale 1:5
	Date	Name	Catalog No. SD863-56-03		DO NOT SCALE DRAWING
Design	10/06/2015	Andrei K.			
Check	05/01/2016	Galina E.	Drawing No. SD863-56-03		Sheet 1 of 1
Appr.	05/01/2016	Tzah Gr.			
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