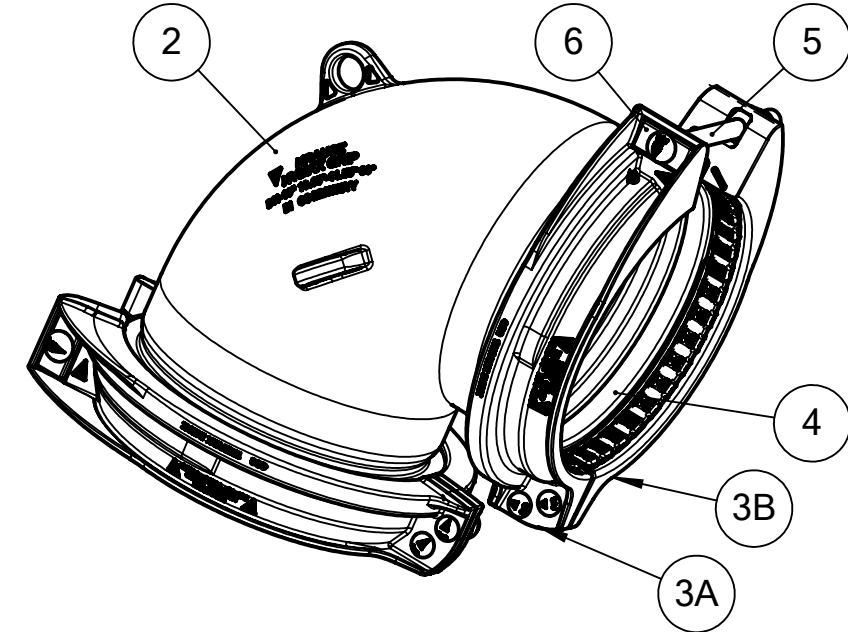
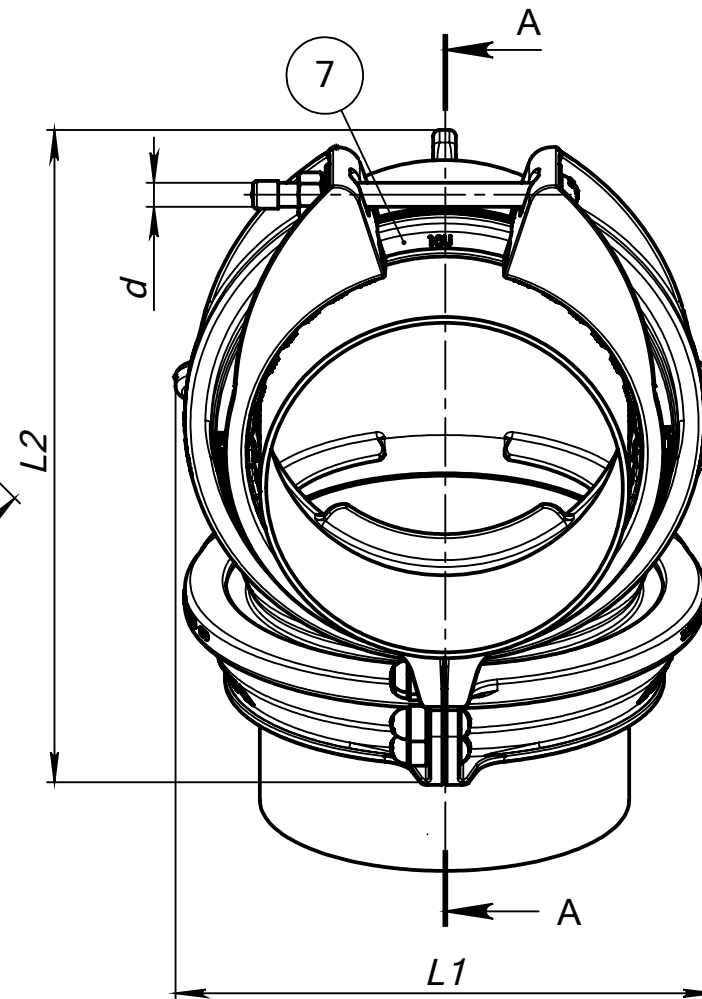


SECTION A-A



Material information:

- 1) HYMAX GRIP Elbow 90° 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 Ductile iron casting ASTM A536 grade 60-40-18.
- 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) 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

REVISIONS					
REV	DESCRIPTION	ECO	DRAWN	APPROVED	DATE
G	Adding new data	17000048	Galina E.	Tzah Gr.	18/04/2017

Product performance	
Dynamic deflection per side	up to 4°
G - Min. pipe Insertion	3.6"
G - Max. pipe Insertion	see table
Maximum out of roundness	0.16 "
MAX ΔT for HDPE pipes SDR9	see table*
Working Pressure (for HDPE pipes see table*)	232 PSI
Rated Pressure (for HDPE pipes see table*)	350 PSI
Vacuum Test	12 PSI

Krausz Part Number	ND (inch)	Overall Range (inch)	L (inch)	L1 (inch)	L2 (inch)	G max (inch)	Bolts Qty.-Size d (inch)	Torque (ft-lbs)	Approx Weight (Lb)
894-56-04111-16	4	4.40-5.10	19.9	9	13.6	4.7	2 - 5/8	90	42.8
894-56-06165-16	6	6.50-7.20	24.3	10.4	15.9	4.7	2 - 5/8	110	55.7
894-56-08216-16	8	8.50-9.40	28.3	12.6	18.5	4.9	2 - 3/4	200	97.9
894-56-10270-16	10	10.65-11.55	31.1	16.6	20.9	4.9	2 - 3/4	200	132.1
894-56-12322-16	12	12.68-13.39	34.1	18.5	22.4	4.9	2 - 3/4	200	150.1

*HDPE Pipe IPS+DIS			
ND (inch)	Working Pressure (PSI)	Rated Pressure (PSI)	max ΔT for SDR9 (°F)
4	232	350	85
6	232	350	85
8	193	290	50
10	163	245	50
12	155	232	35

Material: See material information		Weight: See Table		Part Name: HYMAX GRIP Elbow 90° 4"- 12"		Scale -	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: N7 GENERAL TOLERANCES: LINEAR : 0 - 50 - ±0.2 50 -100 - ±0.5 100 - 500 - ±1.0 ANGULAR : - ±0.5° HOLES : 0 -10 - +0.2/-0.05 HOLES : 10+ - GEN.TOL. HOLES PLACES : - ±0.05		Date	Name	Catalog No. SD894-56-01		DO NOT SCALE DRAWING	
		Design	20/03/2015	Liron G	Drawing No. SD894-56-01		Sheet 1 of 1
		Check	18/05/2015	Galina E.			
		Appr.	18/05/2015	Tzah Gr.			
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