



RELEASED

REVISIONS					
REV	DESCRIPTION	ECO	DRAWN	APPROVED	DATE
B	Adding products	PRR00037	Galina E.	Tzah Gr.	19/07/2018

Material:		Weight:		Part Name:		Scale
See Material Information		see table		HYMAX 2 2"-12" ELBOW 45 FLIP EPDM		-
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.	DO NOT SCALE DRAWING	
	Design	21/05/2015	Galina E.	SD869-54-01		
	Check	18/06/2017	Galina E.	Drawing No.	Sheet	
	Appr.	18/06/2017	Tzah Gr.	SD869-54-01	1 of 2	
BREAK SHARP EDGES AND CORNERS, DEBURR	 KRAUSZ	Confidential Information. All rights reserved to Krausz Industries Ltd. This document may not be copied, reproduced, displayed, modified or used in any way, whether in whole or in part, without the express prior written consent of Krausz Industries Ltd.			 Size A3	

					REVISIONS						
					REV	DESCRIPTION		ECO	DRAWN	APPROVED	DATE
					B	Adding products		PRR00037	Galina E.	Tzah Gr.	19/07/2018

Krausz Part Number	ND (inch)	Overall Range (inch)	Range Before Flipping Gasket (inch)	Range After Flipping Gasket (inch)	D (inch)	H (inch)	Bolts Qty.-Size d (mm)	Torque (Ft-Lbs)	Approx. Weight (Lbs)
869-54-45054-16	2"	2.10-3.03	2.10-2.60	2.56-3.03	Ø5.2	5.7	2 -M12	50	8.5
869-54-45088-16	3"	3.46-4.33	3.46-3.90	3.86-4.33	Ø6.7	7.1	2 -M12	50	13.5
869-54-45108-16	4	4.25-5.63	4.25-5.00	4.92-5.63	Ø8.7	9.3	2 -M14	75	27
869-54-45130-16	5	5.12-6.38	5.12-5.75	5.71-6.38	Ø9.5	10.0	2 -M14	75	50
869-54-45163-16	6	6.42-7.68	6.42-7.05	7.01-7.68	Ø10.8	11.3	2 -M14	75	71.5
869-54-45190-16	7	7.48-8.74	7.48-8.11	8.07-8.74	Ø11.7	12.2	2 -M14	75	73
869-54-45217-16	8	8.54-9.84	8.54-9.17	9.13-9.84	Ø12.9	13.1	2 -M14	75	76.5
869-54-45272-16	10	10.70-12.00	10.70-11.37	11.33-12.00	Ø15.0	15.6	2 -M14	75	90
869-54-45278-16	10	10.96-12.26	10.96-11.63	11.59-12.26	Ø15.3	15.8	2 -M14	75	110
869-54-45315-16	12	12.40-13.66	12.40-13.03	12.99-13.66	Ø16.6	17.5	2 -M14	80	155
869-54-45334-16	12	13.15-14.41	13.15-13.78	13.74-14.41	Ø17.3	18.1	2 -M14	80	190

Material information:

1) HYMAX conforms with or exceeds requirements of standards: AWWA C219, NSF-61 and NSF-372.

2) Center Ring - ASTM A 53 Grade A steel.

3) End Rings - ASTM A 283 / A 283M Grade C Steel.

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 and Nuts - AISI 304 stainless steel.
Rolled thread and anti galling coating.

6) Bridge - AISI 304 stainless steel.

7) Spherical spacers - 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.

Product performance		
Dynamic deflection per side		up to 4°
G - Min. pipe Insertion		2.25"
Maximum out of roundness	ND 2"-3"	0.2"
	ND 4"-12"	0.31"
Working Pressure		260 PSI
Rated Pressure		390 PSI
Vacuum Test		12 PSI

Material:		Weight:		Part Name:		Scale
See Material Information		see table		HYMAX 2 2"-12" ELBOW 45 FLIP EPDM		
<div>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</div>		Date	Name	Catalog No.	DO NOT SCALE DRAWING	
	Design	21/05/2015	Galina E.	SD869-54-01		
	Check	18/06/2017	Galina E.		Drawing No.	SD869-54-01
	Appr.	18/06/2017	Tzah Gr.			
BREAK SHARP EDGES AND CORNERS, DEBURR		<div><div></div><div>KRAUSZ</div></div>		Confidential Information. All rights reserved to Krausz Industries Ltd. This document may not be copied, reproduced, displayed, modified or used in any way, whether in whole or in part, without the express prior written consent of Krausz Industries Ltd.		Size A3

RELEASED