

HYMAX[®] 2

FLANGE ADAPTOR (2"-12")*

AND FLANGE ADAPTOR LONG BODY (2"-12")



FEATURES

- ADVANCED WIDE-RANGE COUPLING WITH A PATENTED FLIP GASKET
- ELIMINATES GASKET REMOVAL MISTAKES AND MAXIMIZES INSTALLER WORK EFFICIENCY
- USING THE GAME-CHANGING HYMAX TECHNOLOGY, PROVEN IN OVER 1M INSTALLATIONS IN THE US
- SUITABLE FOR ALL TYPES OF PIPES - DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC, GRP
- PATENTED HYDRAULICALLY-ASSISTED GASKET WITH 2-STAGE SEALING
- LIGHTWEIGHT CONSTRUCTION ENABLES FAST AND EASY INSTALLATION
- ALLOWS 4° DYNAMIC DEFLECTION, REDUCING FUTURE PIPE DAMAGE

SPECIFICATIONS

STANDARDS

HYMAX FLANGE ADAPTOR AND LONG BODY MEETS OR EXCEEDS REQUIREMENTS OF STANDARDS: AWWA C-219, NSF-61, NSF 372.

SIZE

AVAILABLE IN NOMINAL DIAMETER
 FLANGE ADAPTOR 2"-12"
 FLANGE ADAPTOR LONG 2"-12"

MATERIAL

FLANGE BODY ASTM A283 / A283M GRADE C STEEL.

FLANGE	F/A	Meets ANSI B16.5, Class 150.
	F/A Long	2" OVAL FLANGE FOR FLOW METER
		3" Meets ANSI B16.5
		4"-12" Meets AWWA class D

END RING ASTM A283 / A283M GRADE C STEEL.

SPHERICAL SPACERS AISI 304 STAINLESS STEEL.

BRIDGE AISI 304 STAINLESS STEEL.

GASKET EPDM COMPOUNDED FOR WATER AND SEWAGE, MEETS INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER.

COATING 100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION. AVERAGE THICKNESS 14 MIL.

NUTS & BOLTS AISI 304 STAINLESS STEEL. ROLLED THREAD AND ANTI-GALLING COATING.

HYMAX[®]

Repair the past. Connect the future.

KRAUSZ is the creator of HYMAX

* REGISTERED PATENT

PRODUCT SPECIFICATIONS

HYMAX 2

Flange Adaptor / Flange Adaptor Long
2"-10" 2"-12"



PRODUCT PERFORMANCE (*)

WORKING TEMPERATURE	EPDM: -20°F UP TO +125°F
DYNAMIC DEFLECTION	UP TO 4°
MIN. PIPE INSERTION	2"-12" 2.25"
MAXIMUM OFFSET FOR MISALIGNED PIPES	<p>F/A ND 2"-3" ND 4"-12" 0.20" 0.24"</p> <p>F/A LONG ND 2"-3" ND 4"-12" 0.20" 0.24"</p>
MAXIMUM OUT OF ROUNDNESS	<p>F/A ND 2"-3" ND 4"-12" 0.20" 0.24"</p> <p>F/A LONG ND 2"-3" ND 4"-12" 0.20" 0.31"</p>
WORKING PRESSURE	175 PSI
RATED PRESSURE	262 PSI
VACUUM TEST	12 PSI

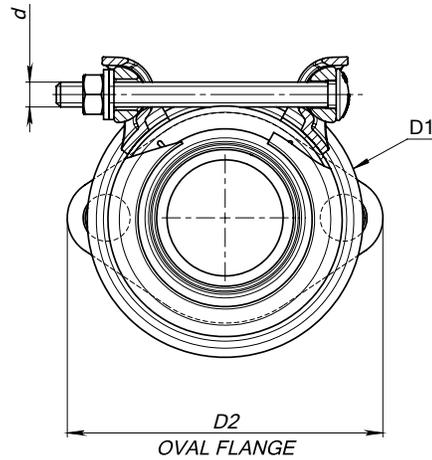
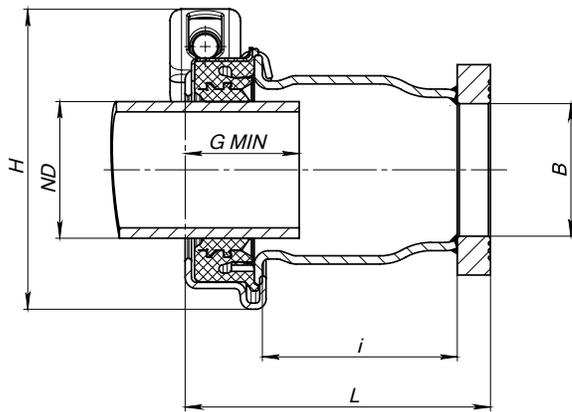
* See Submittal Drawings For Details.

PRODUCT SPECIFICATIONS

HYMAX 2

PRODUCT TABLES

HYMAX2 OVAL FLANGE AWWA D 2"



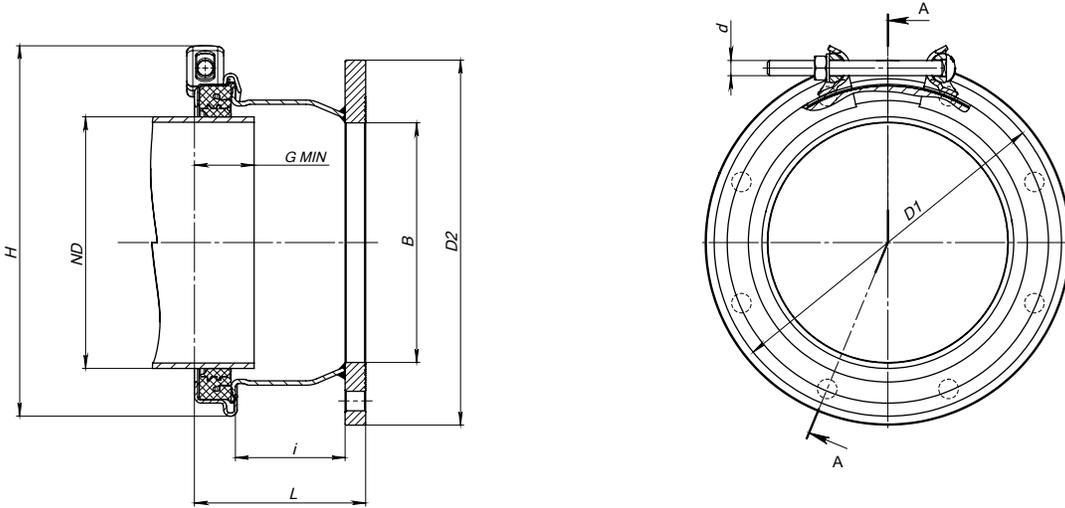
Krausz Part Number	ND (mm)	Flange (inch)	Overall Range (inch)	Range In Closed Gasket Position (Inch)	Range In Open Gasket Position (Inch)	D1 (inch)	H (inch)	i (inch)	L (inch)	D2 (inch)	B (inch)	Bolts Qty. -Size	Torque	Approx. Weight (Lbs)
874-54-02005412	2	2	2.10-3.03	2.10-2.60	2.56-3.03	Ø5.2	5.7	3.7	5.7	6.0	Ø2.44	1-M12	50	8

PRODUCT SPECIFICATIONS

HYMAX 2

PRODUCT TABLES

HYMAX 2 FLANGE ADAPTOR AWWA D 3"-10"



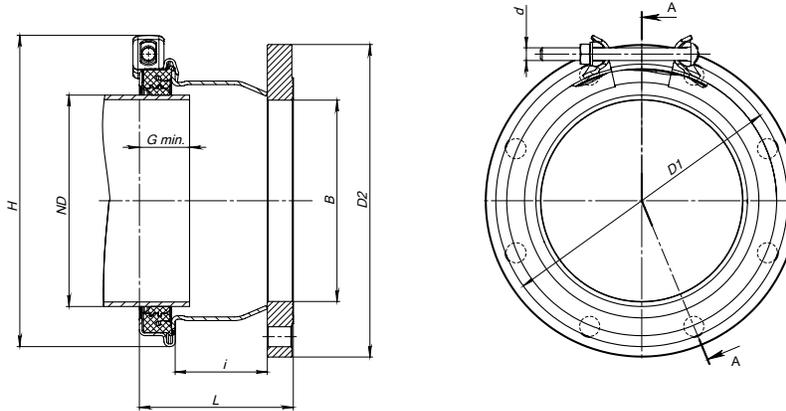
Krausz Part Number	ND (mm)	Flange (inch)	Overall Range (inch)	Range In Open Gasket Position (Inch)	Range In Closed Gasket Position (Inch)	D1 (inch)	H (inch)	i (inch)	L (inch)	D2 (inch)	B (inch)	Bolts Qty. -Size	Torque	Approx. Weight (Lbs)
874-54-03008812	3	3	3.46-4.33	3.46-3.90	3.86-4.33	Ø6.7	7.1	2.9	4.8	Ø7.5	Ø4.02	1 -M12	50	12
874-54-04010812	4	4	4.25-5.63	4.25-5.00	4.92-5.63	Ø8.7	9.3	2.9	5.1	Ø9.0	Ø5.24	1 -M14	75	14
874-54-04016312	6	4	6.42-7.68	6.42-7.05	7.01-7.68	Ø10.8	11.3	8.9	11.2	Ø9.0	Ø4.57	1 -M14	75	27
874-54-05013012	5	5	5.12-6.38	5.12-5.75	5.71-6.38	Ø9.5	10.0	4.0	6.2	Ø10.0	Ø6.14	1 -M14	75	21
874-54-06010812	4	6	4.25-5.63	4.25-5.00	4.92-5.63	Ø8.7	9.3	2.3	4.6	Ø11.0	Ø7.24	1 -M14	75	20
874-54-06013012	5	6	5.12-6.38	5.12-5.75	5.71-6.38	Ø9.5	10.0	4.0	6.2	Ø11.0	Ø7.24	1 -M14	75	22
874-54-06016312	6	6	6.42-7.68	6.42-7.05	7.01-7.68	Ø10.8	11.3	4.0	6.2	Ø11.0	Ø7.24	1 -M14	75	23
874-54-06021712	8	6	8.54-9.84	8.54-9.17	9.13-9.84	Ø12.9	13.1	4.0	6.2	Ø11.0	Ø7.24	1 -M14	75	36
874-54-08019012	7	8	7.48-8.74	7.48-8.11	8.07-8.74	Ø11.7	12.2	4.0	6.2	Ø13.5	Ø9.41	1 -M14	75	31
874-54-08021712	8	8	8.54-9.84	8.54-9.17	9.13-9.84	Ø12.9	13.1	4.0	6.2	Ø13.5	Ø9.41	1 -M14	75	32
874-54-08027812	10	8	10.96-12.26	10.96-11.63	11.59-12.26	Ø15.3	15.8	9.9	12.2	Ø13.5	Ø9.41	1 -M14	75	46
874-54-08031512	12	8	12.40-13.66	12.40-13.03	12.99-13.66	Ø16.6	17.5	11.9	14.2	Ø13.5	Ø9.41	1 -M14	75	56
874-54-08033412	12	8	13.15-14.41	13.15-13.78	13.74-14.41	Ø17.3	18.1	11.9	14.2	Ø13.5	Ø9.41	1 -M14	75	55
874-54-10027212	10	10	10.70-12.00	10.70-11.37	11.33-12.00	Ø15.0	15.6	4.0	6.2	Ø16.0	Ø11.61	1 -M14	75	38
874-54-10027812	10	10	10.96-12.26	10.96-11.63	11.59-12.26	Ø15.3	15.8	4.0	6.2	Ø16.0	Ø11.61	1 -M14	75	41
874-54-12031512	12	12	12.40-13.66	12.40-13.03	12.99-13.66	Ø16.6	17.5	4.0	6.2	Ø19.0	Ø14.02	1 -M14	80	52
874-54-12033412	12	12	13.15-14.41	13.15-13.78	13.74-14.41	Ø17.3	18.1	4.0	6.2	Ø19.0	Ø14.02	1 -M14	80	57
874-54-14033412	12	14	13.15-14.41	13.15-13.78	13.74-14.41	Ø17.3	18.1	8.2	10.7	Ø21.0	Ø15.43	1 -M14	80	71

PRODUCT SPECIFICATIONS

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PRODUCT TABLES

HYMAX2 FLANGE ADAPTOR SIZES 2"-10" ASA 150 EPDM



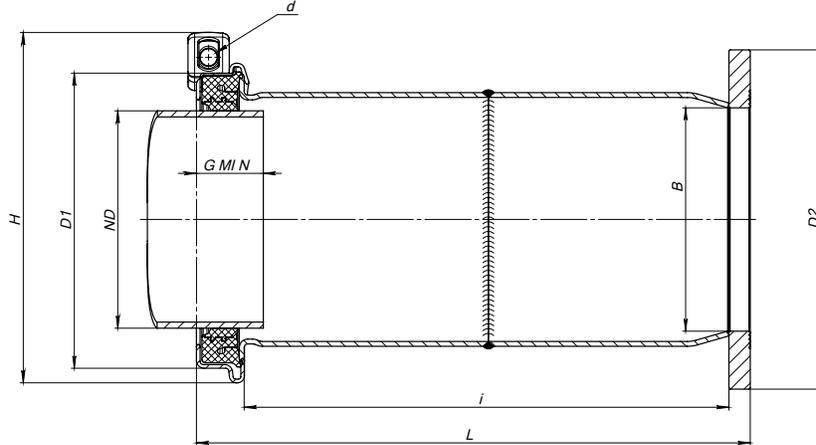
Krausz Part Number	ND (mm)	Flange (inch)	Overall Range (inch)	Range In Closed Gasket Position (Inch)	Range In Open Gasket Position (Inch)	D1 (inch)	H (inch)	i (inch)	L (inch)	D2 (inch)	B (inch)	Bolts Qty. -Size	Torque	Approx. Weight (Lbs)
876-54-02005416	2	2	2.10-3.03	2.10-2.60	2.56-3.03	Ø5.2	5.7	3.9	6.8	Ø6.0	Ø2.44	1 -M12	50	9
876-54-06016316	6	6	6.42-7.68	6.42-7.05	7.01-7.68	Ø10.8	11.3	4	6.4	Ø11.0	Ø6.72	1 -M14	75	26
876-54-08021716	8	8	8.54-9.84	8.54-9.17	9.13-9.84	Ø12.9	13.1	4	6.5	Ø13.5	Ø8.72	1 -M14	75	38
876-54-10027216	10	10	10.70-12.00	10.70-11.37	11.33-12.00	Ø15.0	15.6	4	6.6	Ø16.0	Ø10.88	1 -M14	75	48
876-54-10027816	10	10	10.96-12.26	10.96-11.63	11.59-12.26	Ø15.3	15.8	4	6.6	Ø16.0	Ø10.88	1 -M14	75	48

PRODUCT SPECIFICATIONS



PRODUCT TABLES

HYMAX2 FLANGE ADAPTOR LONG BODY SIZES 2"-12" AWWA D



Krausz Part Number	Nominal Diameter (inch)	Flange (inch)	Overall Range (inch)	Range In Closed Gasket Position (Inch)	Range In Open Gasket Position (Inch)	Bolts Num. and Size (mm)	Approx. Weight (Lbs)	Torque	Length (inch)
974-54-02005412	2	2	2.10-3.03	2.10-2.60	2.56-3.03	1 -M12	10	50	9.5
974-54-03008812	3	3	3.46-4.33	3.46-3.90	3.86-4.33	1 -M12	16	50	13.4
974-54-04010812	4	4	4.25-5.63	4.25-5.00	4.92-5.63	1 -M14	23	75	13.6
974-54-05013012	5	5	5.12-6.38	5.12-5.75	5.71-6.38	1 -M14	30	75	18
974-54-06013012	5	6	5.12-6.38	5.12-5.75	5.71-6.38	1 -M14	33	75	18
974-54-06016312	6	6	6.42-7.68	6.42-7.05	7.01-7.68	1 -M14	36	75	18
974-54-08019012	7	8	7.48-8.74	7.48-8.11	8.07-8.74	1 -M14	42	75	18
974-54-08021712	8	8	8.54-9.84	8.54-9.17	9.13-9.84	1 -M14	49	75	18
974-54-10027212	10	10	10.70-12.00	10.70-11.37	11.33-12.00	1 -M14	56	75	18
974-54-10027812	10	10	10.96-12.26	10.96-11.63	11.59-12.26	1 -M14	60	75	18
974-54-12031512	12	12	12.40-13.66	12.40-13.03	12.99-13.66	1 -M14	61	80	18
974-54-12033412	12	12	13.15-14.41	13.15-13.78	13.74-14.41	1 -M14	63	80	18

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