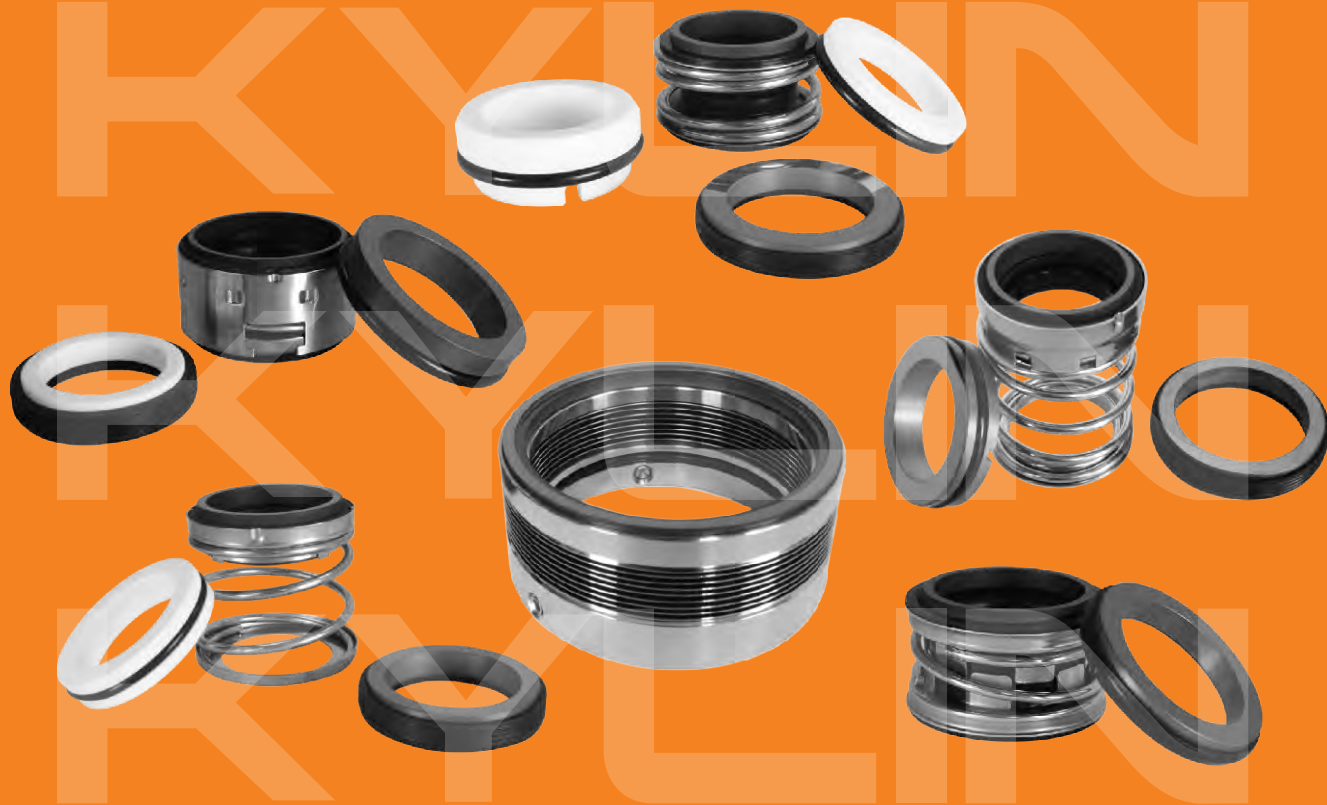


KYLIN

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Mechanical seals

C a t a l o g u e

KYLIN



Spraying & granulating

Dry powder pressing



Alumina sintering

SiC & TC sintering



CNC grinding

Lapping



Machining

Stamping

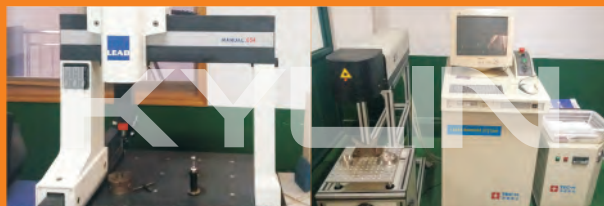


Rubber

Testing equipment



Seal testing system



3-dimensional meters

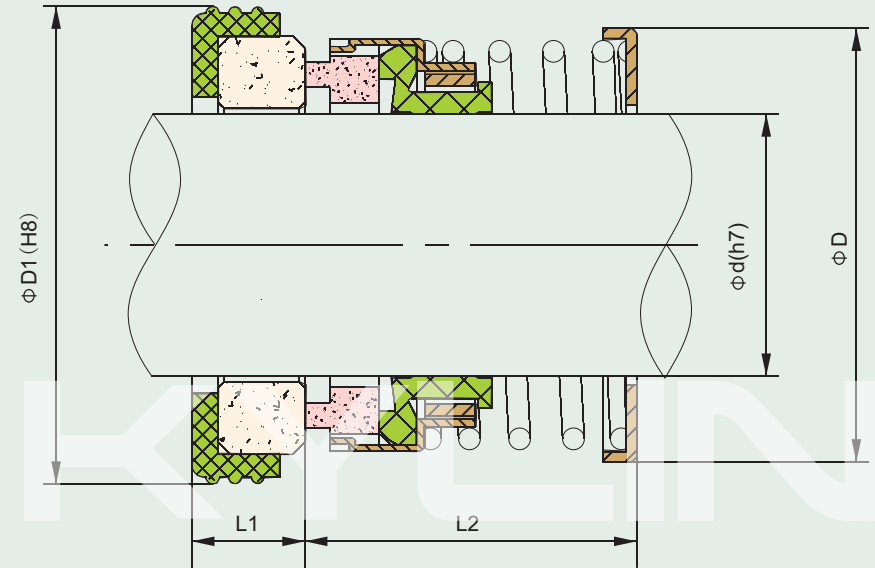
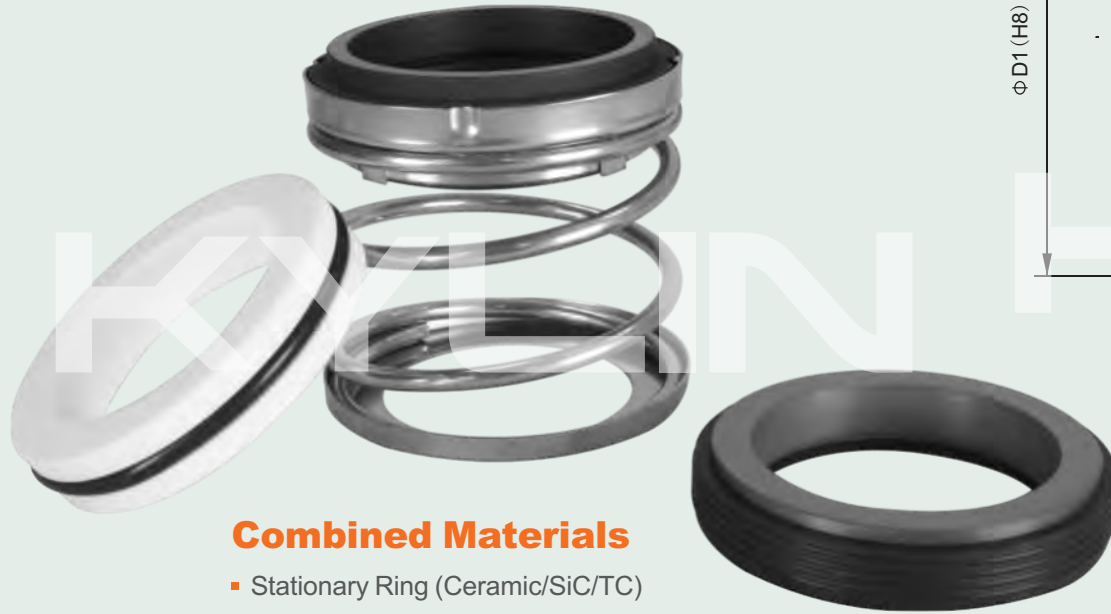
Laser marking



Warehouse

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KY TYPE 21 (Inch)



Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Compatibility:

- John Crane TYPE 21

Working Conditions

- Mediums: Water, oil, and chemical mediums with weak corrosion.
- Temperature: -20°C ~150°C
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Part#	d	D	D1	L1	L2
KY TYPE 21-1/2"	12.7	23.88	25.4	7.92	20.82
KY TYPE 21-5/8"	15.875	26.7	31.75	10.29	22.43
KY TYPE 21-3/4"	19.05	31.09	34.93	10.29	22.43
KY TYPE 21-7/8"	22.225	33.4	38.1	10.29	24
KY TYPE 21-1"	25.4	43.18	41.28	11.1	25.6
KY TYPE 21-1 1/8"	28.575	46.28	44.45	11.1	27.17
KY TYPE 21-1 1/4"	31.75	49.4	47.63	11.1	27.17
KY TYPE 21-1 3/8"	34.925	52.58	50.8	11.1	28.78
KY TYPE 21-1 1/2"	38.1	55.8	53.98	11.1	28.78
KY TYPE 21-1 5/8"	41.275	62.2	60.33	12.7	35.13
KY TYPE 21-1 3/4"	44.45	66	63.5	12.7	35.13
KY TYPE 21-1 7/8"	47.625	66.6	66.68	12.7	38.3
KY TYPE 21-2"	50.8	73	69.85	12.7	38.3
KY TYPE 21-2 1/8"	53.9	73.3	76.2	14.27	43.05
KY TYPE 21-2 1/4"	57.1	78.41	79.38	14.27	43.05
KY TYPE 21-2 3/8"	60.3	82	82.55	14.27	46.25
KY TYPE 21-2 1/2"	63.5	84.87	85.73	14.27	46.25
KY TYPE 21-2 5/8"	66.6	88.4	85.73	15.9	49.4
KY TYPE 21-2 3/4"	69.8	92.58	88.9	15.9	49.4
KY TYPE 21-2 7/8"	73	94.85	95.25	15.9	52.57
KY TYPE 21-3"	76.2	101.9	98.43	15.9	52.57

Elastomer Bellows Shaft Seals

KY TYPE 24

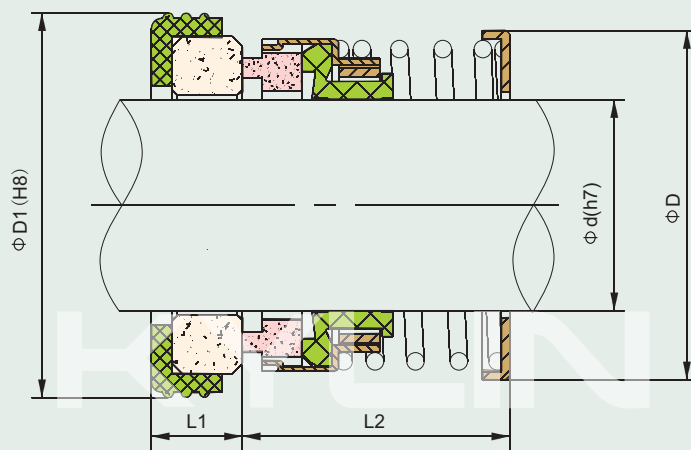
Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Compatibility:

- Vulcan TYPE 24,
Burgmann MG912,
John Crane TYPE 521,
ROTEN TYPE 52

Elastomer Bellows Shaft Seals



Working Conditions

- Mediums: Water, oil, and chemical mediums with weak corrosion.
- Temperature: $-20^{\circ}\text{C}\sim 150^{\circ}\text{C}$
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Part#	d	D	D1	L1	L2
KY TYPE 24-12	12	21.7	23	8.6	24.1
KY TYPE 24-14	14	24.5	25	8.6	26.6
KY TYPE 24-16	16	26.65	27	8.6	26.6
KY TYPE 24-18	18	30.35	33	10	27.7
KY TYPE 24-20	20	33.4	35	10	27.7
KY TYPE 24-22	22	33.55	37	10	27.7
KY TYPE 24-24	24	38.3	39	10	30.2
KY TYPE 24-25	25	39.3	40	10	30.2
KY TYPE 24-28	28	42.2	43	10	32.7
KY TYPE 24-30	30	43.95	45	10	32.7
KY TYPE 24-32	32	45.75	48	10	32.7
KY TYPE 24-33	33	45.85	48	10	32.7
KY TYPE 24-35	35	49.1	50	10	32.7
KY TYPE 24-38	38	52.6	56	11	34.2
KY TYPE 24-40	40	55.7	58	11	34.2
KY TYPE 24-43	43	58.8	61	11	34.2
KY TYPE 24-45	45	61	63	11	34.2
KY TYPE 24-48	48	64.2	66	11	34.2
KY TYPE 24-50	50	66.6	70	13	34.7
KY TYPE 24-55	55	71.65	75	13	34.7
KY TYPE 24-58	58	78.4	78	13	39.7
KY TYPE 24-60	60	78.4	80	13	39.7
KY TYPE 24-63	63	81.5	83	13	39.7
KY TYPE 24-65	65	84.3	85	13	39.7
KY TYPE 24-68	68	89.65	90	15.3	37.4
KY TYPE 24-70	70	89.65	92	15.3	44.9
KY TYPE 24-75	75	96.8	97	15.3	44.9

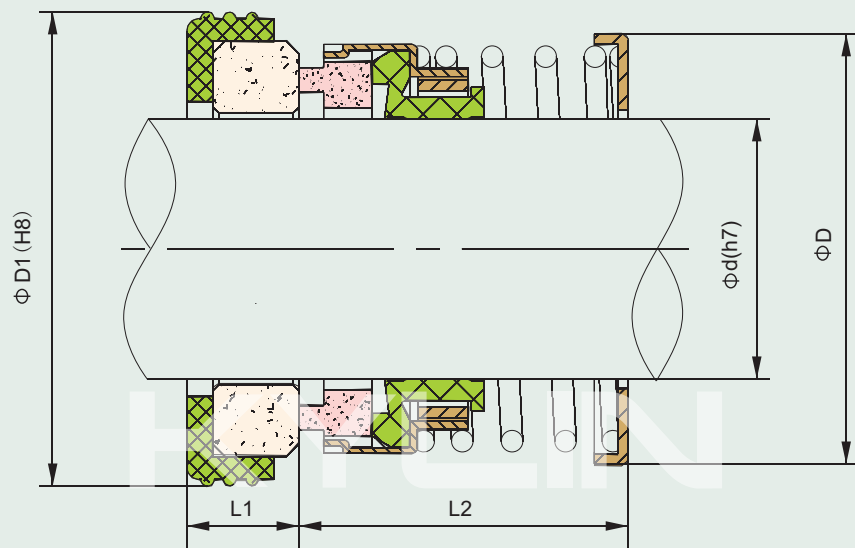
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KY TYPE 20 (Metric)



Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)



Compatibility:

- Vulcan TYPE 20, Burgmann MG920

Working Conditions

- Mediums: Water, oil, and weakly-corrosive mediums, etc.
- Temperature: $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Part#	d	D	D1	L1	L2
KY TYPE 20-10	10	22.95	24.6	8.74	25.6
KY TYPE 20-12	12	23.9	27.79	8.74	25.6
KY TYPE 20-13	13	23.9	27.79	8.74	25.6
KY TYPE 20-14	14	26.7	30.95	10.32	25.6
KY TYPE 20-15	15	26.7	30.95	10.32	25.6
KY TYPE 20-16	16	26.7	30.95	10.32	25.6
KY TYPE 20-18	18	31.1	34.15	10.32	25.6
KY TYPE 20-19	19	31.1	34.15	10.32	25.6
KY TYPE 20-20	20	33.4	35.7	10.32	25.6
KY TYPE 20-22	22	33.4	37.3	10.32	25.6
KY TYPE 20-24	24	39.2	40.5	10.32	25.6
KY TYPE 20-25	25	39.2	40.5	10.32	25.6
KY TYPE 20-28	28	46.3	47.63	11.99	33.54
KY TYPE 20-30	30	49.4	50.8	11.99	33.54
KY TYPE 20-32	32	49.4	50.8	11.99	33.54
KY TYPE 20-33	33	52.6	53.98	11.99	33.54
KY TYPE 20-34	34	52.6	53.98	11.99	33.54
KY TYPE 20-35	35	52.6	53.98	11.99	33.54
KY TYPE 20-38	38	55.8	57.15	11.99	33.54
KY TYPE 20-40	40	62.2	60.35	11.99	33.54
KY TYPE 20-42	42	66	63.5	11.99	40.68
KY TYPE 20-43	43	66	63.5	11.99	40.68
KY TYPE 20-44	44	66	63.5	11.99	40.68
KY TYPE 20-45	45	66	63.5	11.99	40.68
KY TYPE 20-48	48	66.6	66.7	11.99	40.68
KY TYPE 20-50	50	71.65	69.85	11.99	40.68
KY TYPE 20-53	53	73.3	73.05	13.5	41.2
KY TYPE 20-55	55	78.4	76.2	13.5	41.2
KY TYPE 20-58	58	82	79.4	13.5	41.2
KY TYPE 20-60	60	82	79.4	13.5	41.2
KY TYPE 20-63	63	84.9	82.55	13.5	41.2
KY TYPE 20-65	65	88.4	92.1	15.9	49.2
KY TYPE 20-70	70	92.6	95.52	15.9	49.2
KY TYPE 20-73	73	94.85	98.45	15.9	49.2
KY TYPE 20-75	75	101.9	101.65	15.9	49.2

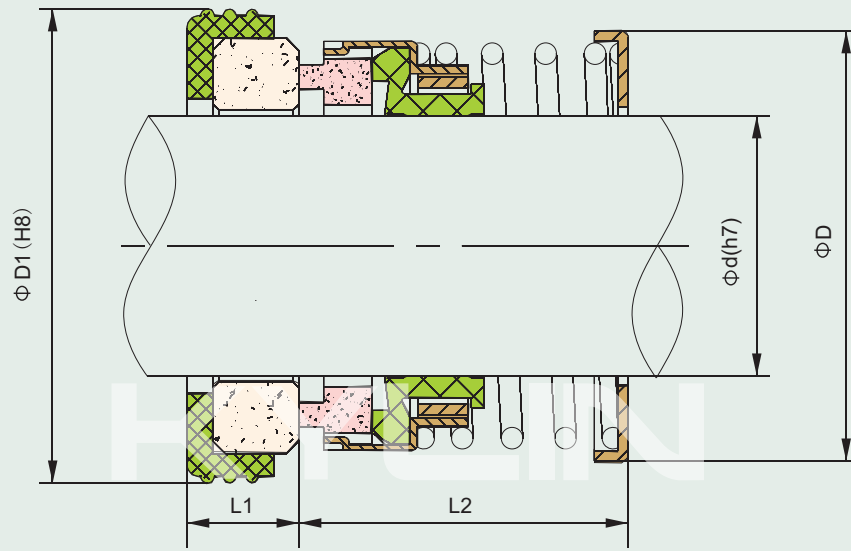
Elastomer Bellow Shaft Seals

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Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)



Elastomer Bellows Shaft Seals

KY TYPE 20 (Inch)

Working Conditions

- Mediums: Water, oil, and weakly-corrosive mediums, etc.
- Temperature: $-20^{\circ}\text{C}\sim 150^{\circ}\text{C}$
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Compatibility:

- Vulcan TYPE 20, Burgmann MG920

Part#	d	D	D1	L1	L2
KY TYPE 20-3/8"	9.5	22.95	24.6	8.74	25.6
KY TYPE 20-1/2"	12.7	23.9	27.79	8.74	25.6
KY TYPE 20-5/8"	15.8	26.7	30.95	10.32	25.6
KY TYPE 20-3/4"	19.1	31.1	34.15	10.32	25.6
KY TYPE 20-7/8"	22.2	33.4	37.3	10.32	25.6
KY TYPE 20-1"	25.4	43.2	40.5	10.32	25.6
KY TYPE 20-1 1/8"	28.6	46.3	47.63	11.99	33.54
KY TYPE 20-1 1/4"	31.7	49.4	50.8	11.99	33.54
KY TYPE 20-1 3/8"	34.9	52.6	53.98	11.99	33.54
KY TYPE 20-1 1/2"	38.1	55.8	57.15	11.99	33.54
KY TYPE 20-1 5/8"	41.2	62.2	60.35	11.99	33.54
KY TYPE 20-1 3/4"	44.4	66	63.5	11.99	40.68
KY TYPE 20-1 7/8"	47.6	66.6	66.7	11.99	40.68
KY TYPE 20-2"	50.8	73	69.85	11.99	40.68
KY TYPE 20-2 1/8"	53.9	73.3	73.05	13.5	41.2
KY TYPE 20-2 1/4"	57.1	78.4	76.2	13.5	41.2
KY TYPE 20-2 3/8"	60.3	82	79.4	13.5	41.2
KY TYPE 20-2 1/2"	63.5	84.9	82.55	13.5	41.2
KY TYPE 20-2 5/8"	66.6	88.4	92.1	15.9	49.2
KY TYPE 20-2 3/4"	69.8	92.6	95.25	15.9	49.2
KY TYPE 20-2 7/8"	73	94.85	98.45	15.9	49.2
KY TYPE 20-3"	76.2	101.9	101.65	15.9	49.2

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KY TYPE 443

Compatibility:

- SEALOL TYPE 843

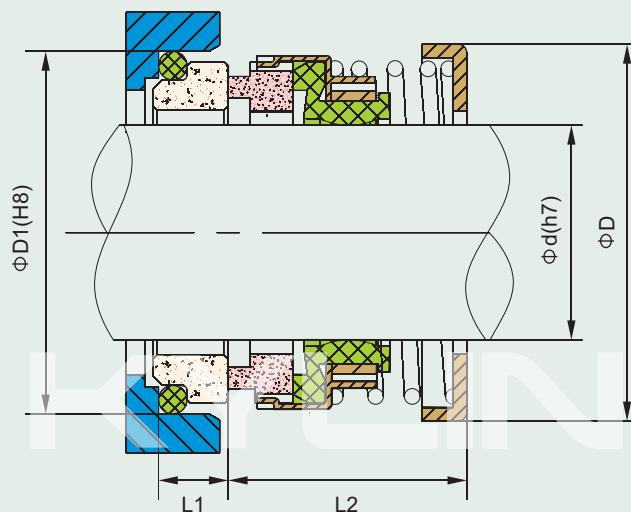
Working Conditions

- Mediums: Water, oil, and weakly-corrosive fluids.
- Temperature: -20°C~150°C
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Elastomer Bellows Shaft Seals



Part#	d	D	D1	L1	L2
KY TYPE 443-10	10	20	21	8.5	24.1
KY TYPE 443-12	12	21.7	23	8.5	24.1
KY TYPE 443-14	14	24.5	25	8.5	26.7
KY TYPE 443-16	16	26.6	27	8.5	26.7
KY TYPE 443-18	18	30.35	33	10	27.7
KY TYPE 443-20	20	31.75	35	10	27.7
KY TYPE 443-22	22	33.55	37	10	27.7
KY TYPE 443-24	24	38.3	39	10	30.2
KY TYPE 443-25	25	38.3	40	10	30.2
KY TYPE 443-28	28	42.2	43	10	32.7
KY TYPE 443-30	30	43.95	45	10	32.7
KY TYPE 443-32	32	45.7	48	10	32.7
KY TYPE 443-33	33	46.75	48	10	32.7
KY TYPE 443-35	35	49.1	50	10	32.7
KY TYPE 443-38	38	52.4	56	11	34.2
KY TYPE 443-40	40	55.7	58	11	34.2
KY TYPE 443-43	43	55.8	61	11	34.2
KY TYPE 443-45	45	61.2	63	11	34.2
KY TYPE 443-48	48	64.35	66	11	34.2
KY TYPE 443-50	50	67.35	70	13	34.7
KY TYPE 443-53	53	70.65	73	13	34.7
KY TYPE 443-55	55	71.65	75	13	34.7
KY TYPE 443-58	58	78.4	78	13	39.7
KY TYPE 443-60	60	78.4	80	13	39.7
KY TYPE 443-63	63	81.5	83	13	39.7
KY TYPE 443-65	65	84.3	85	13	39.7
KY TYPE 443-68	68	89.65	90	15.3	37.4
KY TYPE 443-70	70	89.65	92	15.3	44.9
KY TYPE 443-75	75	96.8	97	15.3	44.9
KY TYPE 443-80	80	104	105	15.7	44.5
KY TYPE 443-85	85	107.95	110	15.7	44.5
KY TYPE 443-90	90	111.1	115	15.7	49.5
KY TYPE 443-95	95	119	120	15.7	49.5
KY TYPE 443-100	100	124	125	15.7	49.5

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KY TYPE BIA

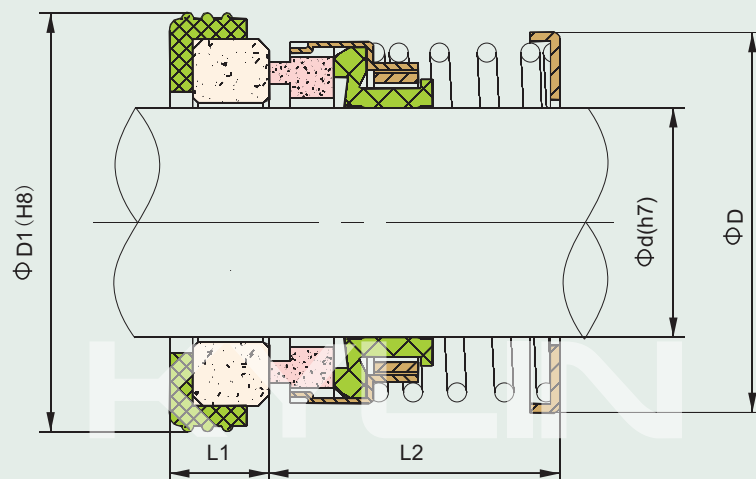
Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

- Mediums: Water, oil, and weakly-corrosive mediums.
- Temperature: -20°C~150°C
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Part#	d	D	D1	L1	L2
KY TYPE BIA-14	14	27.5	30	5	18.7
KY TYPE BIA-16	16	28.5	32	5	21
KY TYPE BIA-18	18	31.2	35	7.5	22.5
KY TYPE BIA-20	20	31.7	35	8	21
KY TYPE BIA-24	24	40.2	39	8	25.5
KY TYPE BIA-25	25	40.2	40	8	25.5
KY TYPE BIA-28	28	44.1	43	8	25.5
KY TYPE BIA-30	30	45.1	45	9	25.5
KY TYPE BIA-32	32	49	48	9	33.5
KY TYPE BIA-33	33	49	48	9	33.5
KY TYPE BIA-35	35	50.2	50	9	33.5
KY TYPE BIA-38	38	55.3	56	9	33.5
KY TYPE BIA-40	40	57	58	9	33.5
KY TYPE BIA-43	43	60.7	61	9.5	36.5
KY TYPE BIA-45	45	62.5	63	9.5	38
KY TYPE BIA-48	48	66.5	66	9.5	38
KY TYPE BIA-50	50	68.6	70	9.5	38
KY TYPE BIA-53	53	70.8	73	9.5	41
KY TYPE BIA-55	55	72.4	75	9.5	41
KY TYPE BIA-58	58	80	78	9.5	42
KY TYPE BIA-60	60	83	80	9.5	42
KY TYPE BIA-65	65	87.2	85	9.5	43
KY TYPE BIA-70	70	91.6	92	11	45
KY TYPE BIA-75	75	99.4	97	12	48
KY TYPE BIA-80	80	104.6	104	12	55
KY TYPE BIA-85	85	111	109	12	64.2
KY TYPE BIA-90	90	113	114	12	66.2



**Elastomer
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KY EA560 (Metric, Inch)

Combined Materials

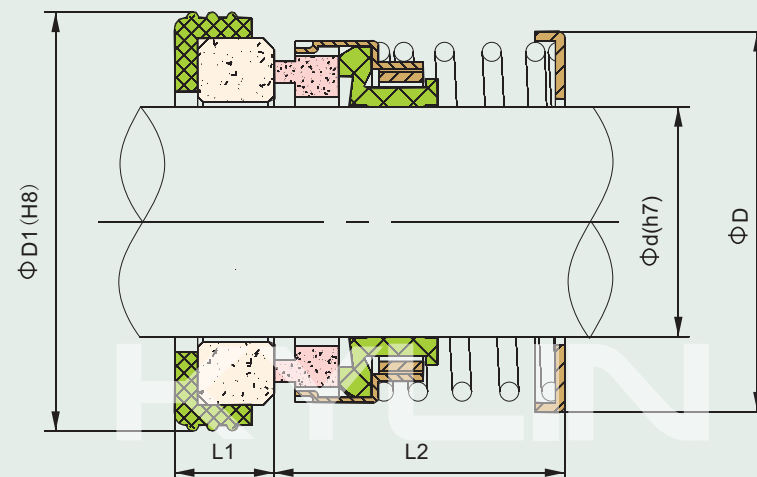
- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Compatibility:

- EagleBurgmann EA560

Working Conditions

- Mediums: Water, oil, and weakly-corrosive mediums.
- Temperature: -20°C~150°C
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$



Part#	d	D	D1	L1	L2
KY EA560-3/8"	9.525	23.5	22.225	6.4	22.2
KY EA560-1/2"	12.7	26	25.4	6.4	22.2
KY EA560-5/8"	15.875	30	31.75	8.7	23.8
KY EA560-3/4"	19.05	32.5	34.925	8.7	23.8
KY EA560-7/8"	22.225	37.5	38.1	8.7	25.4
KY EA560-1"	25.4	44	41.275	9.5	27
KY EA560-1 1/8"	28.575	48	44.45	9.5	28.6
KY EA560-1 1/4"	31.75	50	47.625	9.5	28.6
KY EA560-1 3/8"	34.925	54.5	50.8	9.5	30.2
KY EA560-1 1/2"	38.1	58.5	53.975	9.5	30.2
KY EA560-1 5/8"	41.275	64	60.325	11.1	36.5
KY EA560-1 3/4"	44.45	67	63.5	11.1	36.5
KY EA560-1 7/8"	47.625	71	66.675	11.1	39.7
KY EA560-2"	50.8	73.5	69.85	11.1	39.7

Part#	d	D	D1	L1	L2
KY EA560-8	8	18.2	21	7	12.2
KY EA560-9	9	18.2	24	7	16.2
KY EA560-10	10	20.6	24	7	16.2
KY EA560-11	11	20.6	24	7	16.2
KY EA560-12	12	21.8	26	7	17.2
KY EA560-13	13	21.8	26	7	17.2
KY EA560-14	14	26.4	28	7	18.2
KY EA560-15	15	26.4	28	7	18.2
KY EA560-16	16	26.4	32	8	19.2
KY EA560-17	17	29.5	32	8	19.2
KY EA560-18	18	29.5	35	8	19.2
KY EA560-19	19	29.5	35	8	19.2
KY EA560-20	20	31.6	38	8	20.2
KY EA560-22	22	33.6	40	8	20.2
KY EA560-25	25	39.6	44	9	20.2
KY EA560-28	28	45	46	9	21.2
KY EA560-30	30	46.6	50	9	22.2
KY EA560-32	32	46.6	54	9	24.2
KY EA560-35	35	50.8	58	10	26.2
KY EA560-38	38	54.3	60	10	27.2
KY EA560-40	40	57.3	64	10	28.2
KY EA560-45	45	61.3	66	10	30.2
KY EA560-50	50	67.8	72	10	32.2

**Elastomer
Bellows
Shaft Seals**

KY TYPE 2100 (Metric)

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

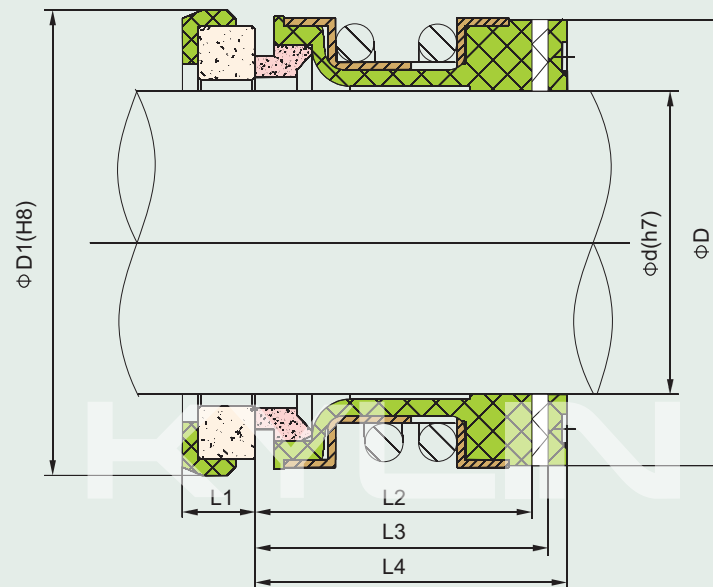
- Mediums: Water, oil, and weakly-corrosive mediums.
- Temperature: -40°C~150°C
- Pressure: $\leq 1.2\text{MPa}$
- Speed: $\leq 13\text{ m/Sec}$

Compatibility:

- John Crane TYPE 2100

Elastomer Bellows Shaft Seals

Part#	d	D	D1	L1	L2	L3	L4
KY TYPE 2100-10	10	20	21	5	15.2	27.7	35.2
KY TYPE 2100-12	12	22	23	6	15.2	26.7	34.2
KY TYPE 2100-14	14	24	25	6	15.2	29.2	34.2
KY TYPE 2100-15	15	25	26	6	15.2	29.2	34.2
KY TYPE 2100-16	16	26	27	6	15.2	29.2	34.2
KY TYPE 2100-18	18	32	33	6	20.2	31.7	39.2
KY TYPE 2100-20	20	34	35	6	20.2	31.7	39.2
KY TYPE 2100-22	22	36	37	6	20.2	31.7	39.2
KY TYPE 2100-24	24	38	39	6	20.2	34.2	44.2
KY TYPE 2100-25	25	39	40	6	20.2	34.2	44.2
KY TYPE 2100-28	28	42	43	6	26.2	36.7	44.2
KY TYPE 2100-30	30	44	45	7	26.2	35.7	43.2
KY TYPE 2100-32	32	46	48	7	26.2	35.7	48.2
KY TYPE 2100-33	33	47	48	7	26.2	35.7	48.2
KY TYPE 2100-35	35	49	50	8	26.2	34.7	47.2
KY TYPE 2100-38	38	54	56	8	30.2	37.2	47.2
KY TYPE 2100-40	40	56	58	8	30.2	37.2	47.2
KY TYPE 2100-43	43	59	61	8	30.2	37.2	52.2
KY TYPE 2100-45	45	61	63	8	30.2	37.2	52.2
KY TYPE 2100-48	48	64	66	10	30.2	35.2	50.2
KY TYPE 2100-50	50	66	70	10	30.2	37.7	50.2
KY TYPE 2100-53	53	69	73	10	30.2	37.7	60.2
KY TYPE 2100-55	55	71	75	10	30.2	37.7	60.2
KY TYPE 2100-58	58	78	78	10	33.2	42.7	60.2
KY TYPE 2100-60	60	80	80	12	33.2	40.7	58.2
KY TYPE 2100-63	63	83	83	12	33.2	40.7	58.2
KY TYPE 2100-65	65	85	85	12	33.2	40.7	68.2
KY TYPE 2100-68	68	88	90	12	33.2	40.7	68.2
KY TYPE 2100-70	70	90	92	12	33.2	48.2	68.2
KY TYPE 2100-75	75	99	97	12	40.2	48.2	68.2
KY TYPE 2100-80	80	104	105	14	40.2	47.7	77.7
KY TYPE 2100-85	85	109	110	14	40.2	47.7	77.7
KY TYPE 2100-90	90	114	115	14	40.2	52.7	77.7
KY TYPE 2100-95	95	119	120	14	40.2	52.7	77.7
KY TYPE 2100-100	100	124	125	14	40.2	52.7	77.7



KY TYPE 2100 (Inch)

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

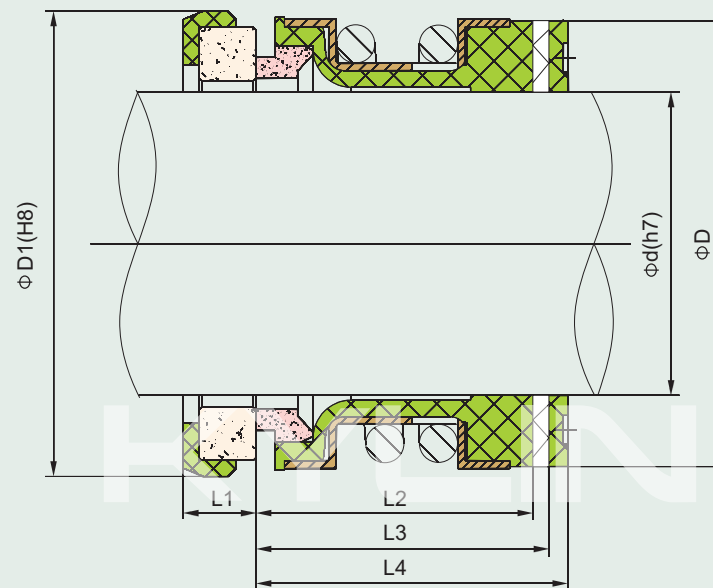
- Mediums: Water, oil,
and weakly-corrosive mediums.
- Temperature: -40°C~150°C
- Pressure: $\leq 1.2\text{MPa}$
- Speed: $\leq 13\text{ m/Sec}$

Compatibility:

- John Crane TYPE 2100

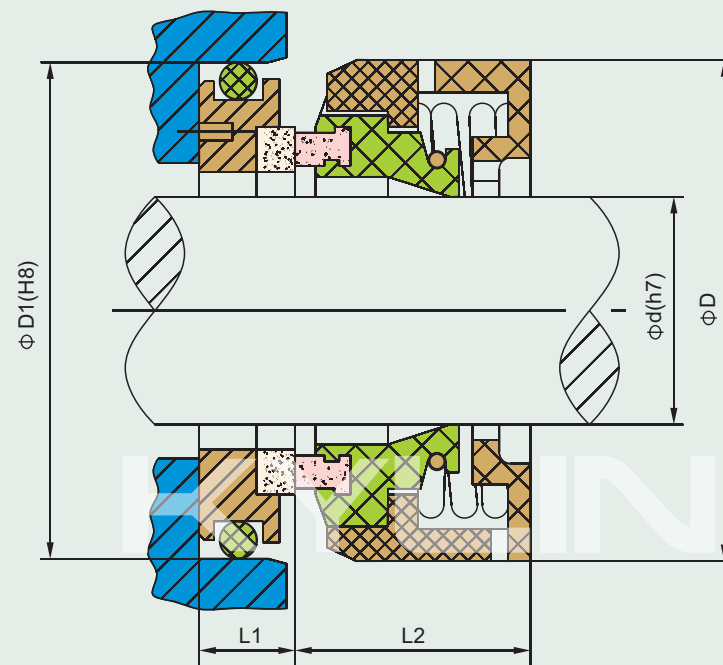
Elastomer Bellows Shaft Seals

Part#	d	D	D1	L1	L2
KY TYPE 2100-3/8"	9.525	20	22.225	7.9	15.2
KY TYPE 2100-1/2"	12.7	24	25.4	7.9	15.2
KY TYPE 2100-5/8"	15.875	26	31.75	10.3	15.2
KY TYPE 2100-3/4"	19.05	32	34.93	10.3	20.2
KY TYPE 2100-7/8"	22.225	36	38.1	10.3	20.2
KY TYPE 2100-1"	25.4	39	41.28	11.1	20.2
KY TYPE 2100-1 1/8"	28.575	42	44.45	11.1	26.2
KY TYPE 2100-1 1/4"	31.75	46	47.63	11.1	26.2
KY TYPE 2100-1 3/8"	34.925	49	50.8	11.1	26.2
KY TYPE 2100-1 1/2"	38.1	54	53.98	11.1	30.2
KY TYPE 2100-1 5/8"	41.275	56	60.33	12.7	30.2
KY TYPE 2100-1 3/4"	44.45	61	63.5	12.7	30.2
KY TYPE 2100-1 7/8"	47.625	64	66.68	12.7	30.2
KY TYPE 2100-2"	50.8	66	69.85	12.7	30.2
KY TYPE 2100-2 1/8"	53.975	69	76.2	14.3	30.2
KY TYPE 2100-2 1/4"	57.15	77	79.38	14.3	33.2
KY TYPE 2100-2 3/8"	60.325	80	82.55	14.3	33.2
KY TYPE 2100-2 1/2"	63.5	83	85.73	14.3	33.2
KY TYPE 2100-2 5/8"	66.675	88	85.73	15.9	33.2
KY TYPE 2100-2 3/4"	69.85	89	88.9	15.9	33.2
KY TYPE 2100-2 7/8"	73.025	96	95.25	15.9	33.2
KY TYPE 2100-3"	76.2	99	98.425	15.9	40.2
KY TYPE 2100-3 1/8"	79.375	103	101.6	19.8	40.2
KY TYPE 2100-3 1/4"	82.55	104	104.775	19.8	40.2
KY TYPE 2100-3 3/8"	85.725	108	107.95	19.8	40.2
KY TYPE 2100-3 1/2"	88.9	112	111.125	19.8	40.2
KY TYPE 2100-3 5/8"	92.075	114	114.3	19.8	40.2
KY TYPE 2100-3 3/4"	95.25	118	117.475	19.8	40.2
KY TYPE 2100-3 7/8"	98.425	122	120.65	19.8	40.2
KY TYPE 2100-4"	101.6	124	123.83	19.8	40.2





KY TYPE 216



Part#	d	D	D1	L1	L2
KY TYPE 216-20	20	42.5	55.5	11	25.7
KY TYPE 216-22	22	47	45.5	9	23.8
KY TYPE 216-25	25	54	50.5	10	28.8
KY TYPE 216-28	28	54	50.5	10	28.8
KY TYPE 216-30	30	54	50.5	10	28.8
KY TYPE 216-35	35	62	60.5	11	29

Elastomer Bellows Shaft Seals

Combined Materials

- Stationary Ring (SiC/TC)
- Rotary Ring (SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Retainer (Steel and plastic or Cast Aluminum Alloy.)

Working Conditions

- Mediums: Water, oil and weakly-corrosive mediums.
- Temperature: -20°C~200°C
- Pressure: $\leq 0.5\text{MPa}$
- Speed: $\leq 5\text{ m/Sec}$

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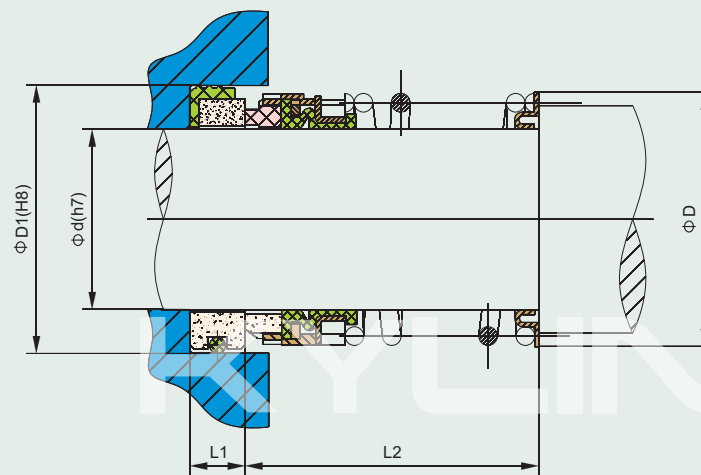
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KY TYPE 1



Part#	d	D	D1	L1	L2
KY TYPE 1-5/8"	15.875	27.76	31.75	10.29	33.52
KY TYPE 1-3/4"	19.05	30.6	34.93	10.29	33.52
KY TYPE 1-7/8"	22.225	35	38.1	10.29	35.13
KY TYPE 1-1"	25.4	39	41.28	11.1	39.87
KY TYPE 1-1 1/8"	28.575	42	44.45	11.1	41.48
KY TYPE 1-1 1/4"	31.75	45	47.63	11.1	41.48
KY TYPE 1-1 3/8"	34.925	49	50.8	11.1	43.05
KY TYPE 1-1 1/2"	38.1	51	53.98	11.1	43.05
KY TYPE 1-1 5/8"	41.275	58	60.33	12.7	51
KY TYPE 1-1 3/4"	44.45	61	63.5	12.7	51
KY TYPE 1-1 7/8"	47.625	63.8	66.68	12.7	54.17
KY TYPE 1-2"	50.8	68	69.85	12.7	54.17
KY TYPE 1-2 1/8"	53.9	71.42	76.2	14.27	60.53
KY TYPE 1-2 1/4"	57.1	74.6	79.38	14.27	60.53
KY TYPE 1-2 3/8"	60.3	77.77	82.55	14.27	63.7
KY TYPE 1-2 1/2"	63.5	80.95	85.73	14.27	63.7
KY TYPE 1-2 5/8"	66.6	85.73	85.73	15.9	70.05
KY TYPE 1-2 3/4"	69.8	88.9	88.9	15.9	70.05
KY TYPE 1-2 7/8"	73	92.08	95.25	15.9	73.2
KY TYPE 1-3"	76.2	95.25	98.43	15.9	73.2

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

- Mediums: Water, oil and weakly-corrosive mediums.
- Temperature: -20°C~150°C
- Pressure: \leq 1MPa
- Speed: \leq 12 m/Sec

Compatibility:

- John Crane TYPE 1

**Elastomer
Bellows
Shaft Seals**

KY TYPE 2 (Metric, Inch)

Combined Materials

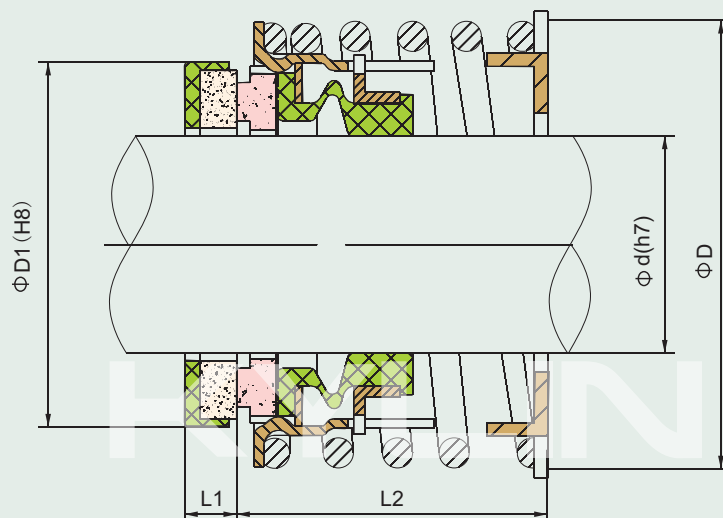
- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

- Mediums: Water, oil, weak acids, weak alkali, etc.
- Temperature: -20°C~100°C
- Pressure: ≤ 1MPa
- Speed: ≤ 12 m/Sec

Compatibility:

- John Crane TYPE 2



Elastomer Bellow Shaft Seals

Part#	d	D	D1	L1	L2
KY TYPE 2-16	16	34	30	8	25.2
KY TYPE 2-18	18	36.8	32	8	25.2
KY TYPE 2-20	20	38.8	34	8	25.2
KY TYPE 2-22	22	41.5	36	8	25.2
KY TYPE 2-25	25	44.8	39	8	26.2
KY TYPE 2-28	28	48.5	43	8	26.2
KY TYPE 2-30	30	52	48	8	26.2
KY TYPE 2-35	35	57	53	10	30.2
KY TYPE 2-40	40	67	58	10	34.2
KY TYPE 2-45	45	73	63	10	36.2
KY TYPE 2-50	50	79	68	10	41.2
KY TYPE 2-55	55	84	73	12	41.2
KY TYPE 2-60	60	90	79	12	41.2
KY TYPE 2-65	65	98.5	86	12	49.2
KY TYPE 2-70	70	103.5	91	12	52.2
KY TYPE 2-75	75	110.5	96	12	52.2
KY TYPE 2-80	80	120	105	14	56.2
KY TYPE 2-85	85	125	110	14	56.2
KY TYPE 2-90	90	132	115	14	56.2
KY TYPE 2-95	95	137	120	14	56.2
KY TYPE 2-100	100	144	125	14	62.2
KY TYPE 2-110	110	157	135	16	62.2
KY TYPE 2-120	120	169.5	145	16	72.2

Part#	d	D	D1	L1	L2
KY TYPE 2-5/8"	15.87	34	30.95	10.3	25.2
KY TYPE 2-3/4"	19.05	38.8	34.15	10.3	25.2
KY TYPE 2-7/8"	22.22	41.5	37.3	10.3	25.2
KY TYPE 2-1"	25.4	44.8	40.5	10.3	25.2
KY TYPE 2-1 1/8"	28.57	48.5	47.65	11.9	33.2
KY TYPE 2-1 1/4"	31.75	57	50.8	11.9	33.2
KY TYPE 2-1 3/8"	34.92	57	54	11.9	33.2
KY TYPE 2-1 1/2"	38.1	67	57.15	11.9	33.2
KY TYPE 2-1 5/8"	41.27	67	60.35	11.9	33.2
KY TYPE 2-1 3/4"	44.45	73	63.5	11.9	41.2
KY TYPE 2-1 7/8"	47.62	73	66.7	11.9	41.2
KY TYPE 2-2"	50.8	79	69.85	13.5	41.2
KY TYPE 2-2 1/8"	53.97	84	73.05	13.5	41.2
KY TYPE 2-2 1/4"	57.15	84	76.2	13.5	41.2
KY TYPE 2-2 3/8"	60.32	90	79.4	13.5	41.2
KY TYPE 2-2 1/2"	63.5	94	82.55	13.5	41.2

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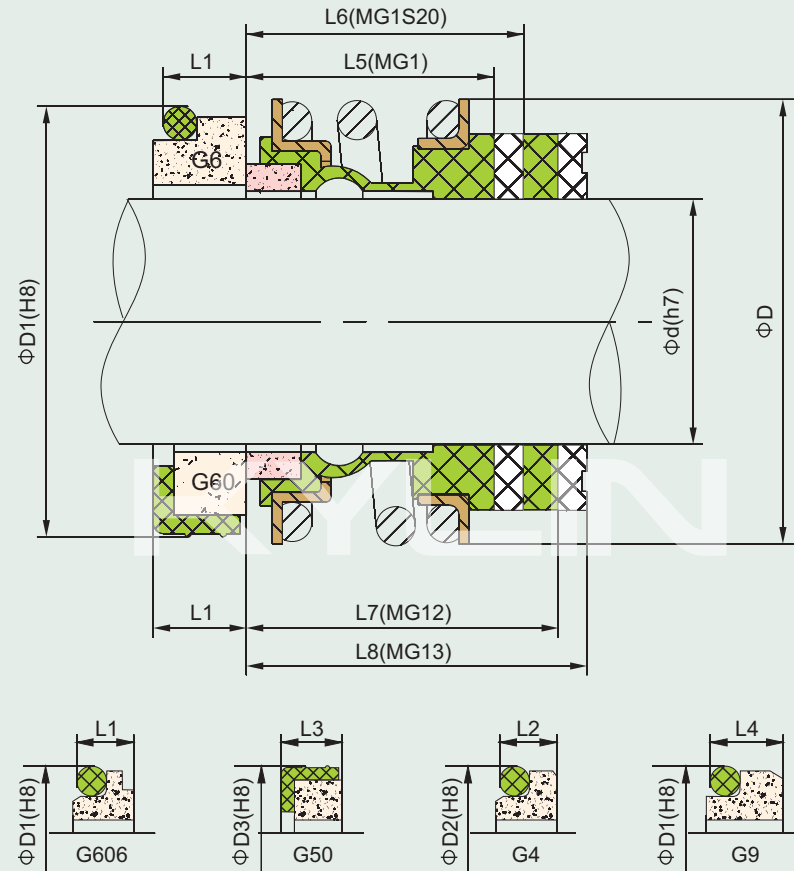
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KY MG1 / MG12 / MG13 / MG1S20



Compatibility:

- Burgmann MG1 / MG12 / MG13 / MG1S20



Elastomer Bellows Shaft Seals

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

- Pumps: All types of rotating equipment, such as centrifugal pumps, agitators, for most general and light chemical duties, wherever an elastomer Secondary Seal can be used.
- Temperature: $-30^{\circ}\text{C} \sim 200^{\circ}\text{C}$
- Pressure: $\leq 1.2\text{MPa}$ Speed: $\leq 12\text{ m/Sec}$
- Design feature: Elastomeric bellows seal design including kinds of stationary ring, complying with DIN24960 and ISO3069, combined with G60, G50, G6, G4, G9, G606, etc.

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d	D	D1	D2	D3	L1	L2	L3	L4	L5	L6	L7	L8
10	22	21	19.2	24.6	6.5	6.5	9	10	14.7	25.5	26	33.5
12	24.5	23	21.6	27.8	6.5	5.5	9	10	15.2	25.5	26	33.5
14	28	25	24.6	30.95	6.5	5.5	10.5	10	17.2	25.5	28.5	33.5
15	28	27	24.6	30.95	6.5	6.5	10.5	10	17.2	25.5	28.5	33.5
16	28	27	28	30.95	6.5	7.5	10.5	10	17.2	25.5	28.5	33.5
18	31.5	33	30	34.15	7.5	8	10.5	11.4	19.7	25.5	30.1	37.7
19	36.5	35	35	34.15	7.5	7.5	10.5	11.4	21.7	25.5	30.1	37.7
20	36.5	35	35	35.7	7.5	7.5	10.5	11.4	21.7	25.5	30.1	37.7
22	36.5	37	35	37.3	7.5	7.5	10.5	11.4	21.7	25.5	30.1	37.7
24	42	39	38	40.5	7.5	7.5	10.5	11.4	22.7	25.5	32.7	42.7
25	42	40	38	40.5	7.5	7.5	10.5	11.4	23.2	25.5	32.7	42.7
28	48.5	43	42	46.65	7.5	9	12	11.4	26.7	33.5	35.2	42.7
30	48.5	45	45	50.8	7.5	10.5	12	11.4	26.7	33.5	35.2	42.7
32	53	48	48	50.8	7.5	10.5	12	11.4	27.7	33.5	35.2	47.7
33	53	48	50	54	7.5	11	12	11.4	27.7	33.5	35.2	47.7
35	56.5	50	52	54	7.5	11	12	11.4	28.7	33.5	35.2	47.7
38	58.5	56	55	57.15	9	10.5	12	14	30.2	33.5	36.2	46.2
40	61.5	58	58	60.35	9	10.8	12	14	30.2	33.5	36.2	46.2
42	65	61	62	63.5	9	12	12	14	30.2	41.5	36.2	51.2
43	65	61	62	63.5	9	12	12	14	30.2	41.5	36.2	51.2
45	67.5	63	64	63.5	9	11.5	12	14	30.2	41.5	36.2	51.2
48	70	66	68.4	66.7	9	11.5	12	14	30.7	41.5	36.2	51.2
50	73.5	70	69.3	69.85	9.5	11.5	13.5	15	30.7	41.5	38.2	50.7
53	78	73	72.3	73.05	11	12.5	13.5	15	33.2	41.5	36.7	59.2
55	80.5	75	75.4	76.2	11	13.5	13.5	15	35.2	41.5	36.7	59.2
58	85	78	78.4	79.4	11	13.5	13.5	15	37.2	41.5	41.7	59.2
60	88	80	80.4	79.4	11	13.5	13.5	15	38.2	41.5	41.7	59.2
65	93	85	85.4	92.1	11	13	16	15	40.2	49.5	41.7	69.2
68	96	90	91.5	95.25	11.5	13.7	16	18	40.2	49.5	41.3	69
70	99	92	92	95.25	11.5	13	16	18	40.2	49.5	49	69
75	106.5	97	99	101.6	11.5	14	16	18	40.2	52.5	49	69
80	111.5	105	104	114.3	12	15	20	18.3	40.2	56.5	48.2	78.2
85	119.5	110	109	117.5	14	15	20	18.3	41.2	56.5	46.2	76.2
90	126.5	115	114	123.85	14	15	20	18.3	45.2	59.5	51.2	76.2
95	131.5	120	120.3	127	14	16	20	17.3	46.2	59.5	51.2	76.2
100	136.5	125	123.3	133.35	14	16	20	17.3	47.2	62.5	51.2	76.2

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Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

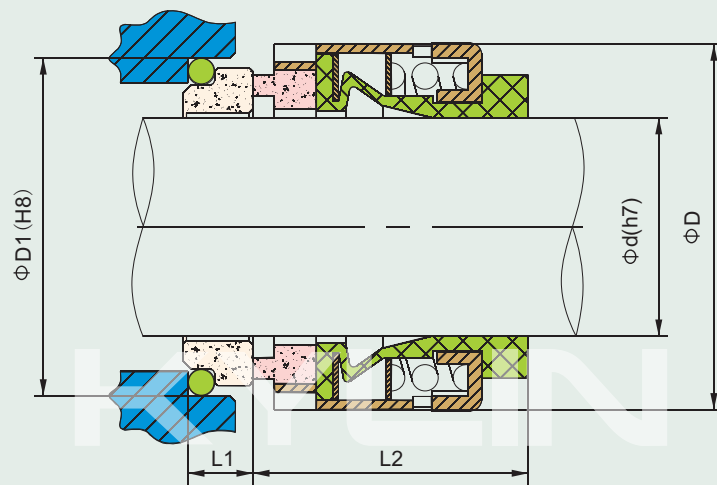
KY TYPE 502



Compatibility:

- John Crane TYPE 502,
- VULCAN TYPE 1724

Elastomer Bellows Shaft Seals



Working Conditions

- Mediums: Water, oil and weakly-corrosive mediums.
- Temperature: -30°C~200°C
- Pressure: $\leq 1.2\text{MPa}$
- Speed: $\leq 12\text{ m/Sec}$

Part#	d	D	D1	L1	L2
KY TYPE 502-14	14	24	25	12	23.2
KY TYPE 502-16	16	26	27	12	23.2
KY TYPE 502-18	18	32	33	13.5	24.2
KY TYPE 502-20	20	34	35	13.5	24.2
KY TYPE 502-22	22	36	37	13.5	24.2
KY TYPE 502-24	24	38	39	13.3	26.9
KY TYPE 502-25	25	39	40	13	27.2
KY TYPE 502-28	28	42	43	12.5	30.2
KY TYPE 502-30	30	44	45	11.9	30.7
KY TYPE 502-32	32	46	48	11.9	30.7
KY TYPE 502-33	33	47	48	11.9	30.7
KY TYPE 502-35	35	49	50	11.9	30.7
KY TYPE 502-38	38	54	56	12.9	32.2
KY TYPE 502-40	40	56	58	12.9	32.2
KY TYPE 502-43	43	59	61	12.9	32.2
KY TYPE 502-45	45	61	63	12.9	32.2
KY TYPE 502-48	48	64	66	12.9	32.2
KY TYPE 502-50	50	66	70	13.4	34.2
KY TYPE 502-53	53	69	73	13.4	34.2
KY TYPE 502-55	55	71	75	13.4	34.2
KY TYPE 502-58	58	78	78	13.4	39.2
KY TYPE 502-60	60	80	80	13.4	39.2
KY TYPE 502-63	63	83	83	13.4	39.2
KY TYPE 502-65	65	85	85	13.4	39.2
KY TYPE 502-68	68	88	90	13.4	39.2
KY TYPE 502-70	70	89	92	14.5	45.7
KY TYPE 502-75	75	96	97	14.5	45.7
KY TYPE 502-80	80	104	105	15	45.2
KY TYPE 502-85	85	108	110	15	45.2
KY TYPE 502-90	90	114	115	15	50.2
KY TYPE 502-95	95	118	120	15	50.2
KY TYPE 502-100	100	124	125	15	50.2

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Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

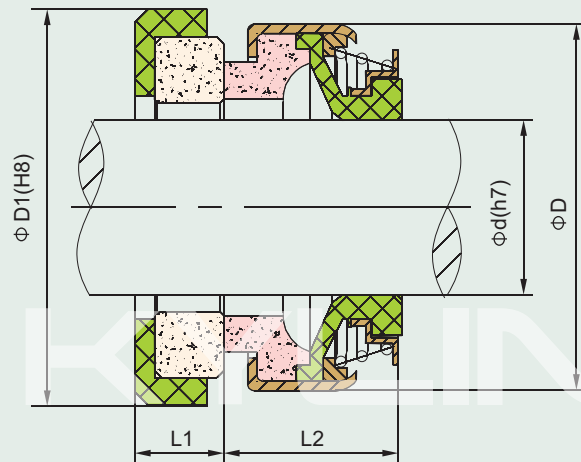
Working Conditions

- Pumps: Water pumps and household pumps.
- Temperature: -20°C~100°C
- Pressure: $\leq 0.5\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Compatibility:

- Burgmann BT-AR,
VULCAN TYPE 18,
AESSEAL B01

Elastomer Bellows Shaft Seals



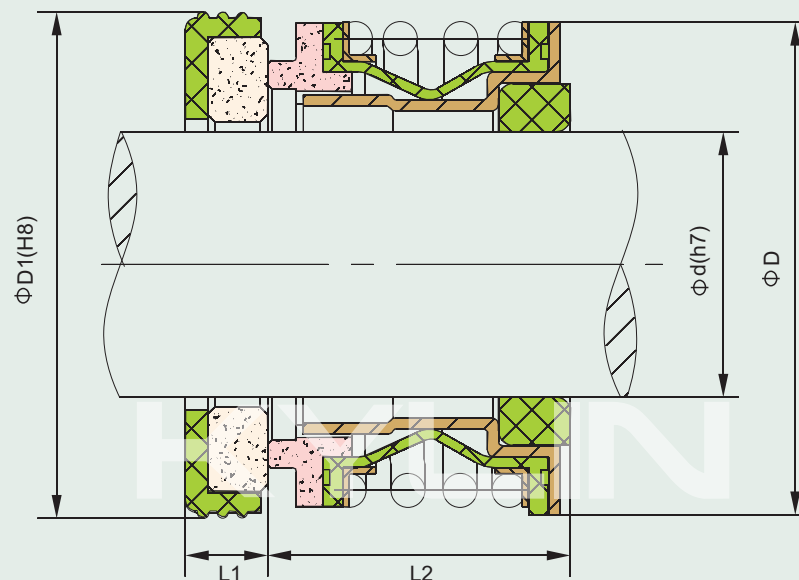
KY BT-AR



Part#	d	D	D1	L1	L2
KY BT-AR-6	6	18	22	4	8.7
KY BT-AR-8	8	18	22	4	8.7
KY BT-AR-8A	8	18	22	4	11.2
KY BT-AR-8B	8	24	26	5.5	11.2
KY BT-AR-8C	8	24	26	8	11.2
KY BT-AR-9	9	24	26	5.5	11.2
KY BT-AR-9A	9	24	26	8	11.2
KY BT-AR-10	10	24	26	5.5	11.2
KY BT-AR-10A	10	24	26	8	11.2
KY BT-AR-11	11	24	26	5.5	11.2
KY BT-AR-11A	11	24	26	8	11.2
KY BT-AR-12	12	24	26	5.5	13.2
KY BT-AR-12A	12	24	26	8	13.2
KY BT-AR-12B	12	32	29.5	8	13.2
KY BT-AR-12C	12	32	38	8	13.2
KY BT-AR-13	13	24	26	5.5	13.2
KY BT-AR-13A	13	24	26	8	13.2
KY BT-AR-14	14	32	29.5	8	13.2
KY BT-AR-14A	14	32	38	8	13.2
KY BT-AR-14B	14	35	29.5	8	13.2
KY BT-AR-14C	14	35	38	8	13.2
KY BT-AR-15	15	32	29.5	8	13.2
KY BT-AR-15A	15	32	38	8	13.2
KY BT-AR-15B	15	35	29.5	8	13.2
KY BT-AR-15C	15	35	38	8	13.2

Part#	d	D	D1	L1	L2
KY BT-AR-16	16	32	29.5	8	13.2
KY BT-AR-16A	16	32	38	8	13.2
KY BT-AR-16B	16	35	29.5	8	13.2
KY BT-AR-16C	16	35	38	8	13.2
KY BT-AR-16D	16	39	42	8	13.2
KY BT-AR-17	17	39	42	8	13.2
KY BT-AR-18	18	39	42	8	13.2
KY BT-AR-19	19	39	42	8	13.2
KY BT-AR-20	20	39	42	8	13.2
KY BT-AR-20A	20	42	45	10	13.2
KY BT-AR-22	22	42	45	10	13.2
KY BT-AR-24	24	47	50	10	14.2
KY BT-AR-25	25	47	50	10	14.2
KY BT-AR-28	28	54	57	10	15.2
KY BT-AR-30	30	54	57	10	15.2
KY BT-AR-32	32	54	57	10	15.2
KY BT-AR-35	35	60	63	10	16.2
KY BT-AR-38	38	65	68	12	18.2
KY BT-AR-40	40	65	68	12	18.2
KY BT-AR-45	45	70	73	12	20.2
KY BT-AR-50	50	85	88	15	23.2
KY BT-AR-55	55	85	88	15	23.2
KY BT-AR-60	60	105	110	15	30.2
KY BT-AR-65	65	105	110	15	30.2
KY BT-AR-70	70	105	110	15	32.2

KY TYPE 6



Compatibility:

- John Crane TYPE 6, PAC-SEAL TYPE 16, US SEAL TYPE A, SEALOL TYPE 6

Part#	d	D	D1	L1	L2
KY TYPE 6-3/8"A	9.53	23.8	22.23	6.35	16.08
KY TYPE 6-3/8"	9.53	26.97	25.4	7.93	16.86
KY TYPE 6-1/2"A	12.7	26.97	25.4	6.35	16.86
KY TYPE 6-1/2"	12.7	26.97	25.4	7.93	16.86
KY TYPE 6-5/8"	15.88	30.94	31.75	10.31	18.44
KY TYPE 6-3/4"	19.05	34.11	34.93	10.31	18.44
KY TYPE 6-7/8"	22.23	42.85	41.28	11.1	20.82
KY TYPE 6-1"	25.4	42.85	41.28	11.1	20.82

Elastomer Bellow Shaft Seals

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

- Mediums: Water, oil and weakly-corrosive mediums.
- Temperature: -20°C~200°C
- Pressure: ≤ 0.5 MPa
- Speed: ≤ 12 m/Sec

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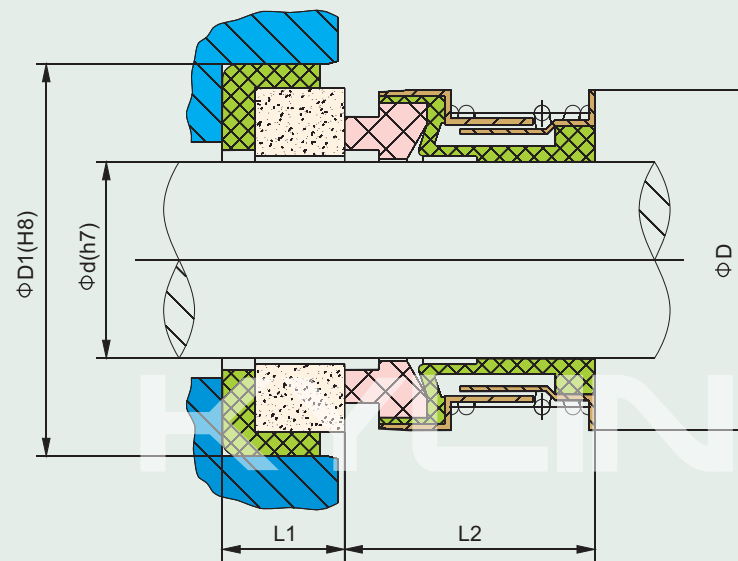
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KY TYPE 16



Part#	d	D	D1	L1	L2
KY TYPE 16-3/8"A	9.53	23.29	22.23	6.35	16.08
KY TYPE 16-3/8"	9.53	23.29	22.23	7.14	16.86
KY TYPE 16-1/2"A	12.7	23.29	25.4	6.35	16.86
KY TYPE 16-1/2"	12.7	23.29	25.4	7.93	16.86
KY TYPE 16-5/8"	15.88	30.1	31.75	10.3	18.44
KY TYPE 16-3/4"	19.05	33.07	34.93	10.3	18.44
KY TYPE 16-7/8"	22.23	36.3	38.1	10.3	20.82
KY TYPE 16-1"	25.4	39.42	41.28	11.1	20.82

**Elastomer
Bellow
Shaft Seals**

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Part (Steel)

Working Conditions

- Mediums: Water, oil and weakly-corrosive mediums.
- Temperature: -20°C~200°C
- Pressure: ≤ 0.6 MPa
- Speed: ≤ 10 m/Sec

Compatibility:

- PAC-SEAL TYPE 16, John Crane TYPE 6, US SEAL TYPE A, SEALOL TYPE 6

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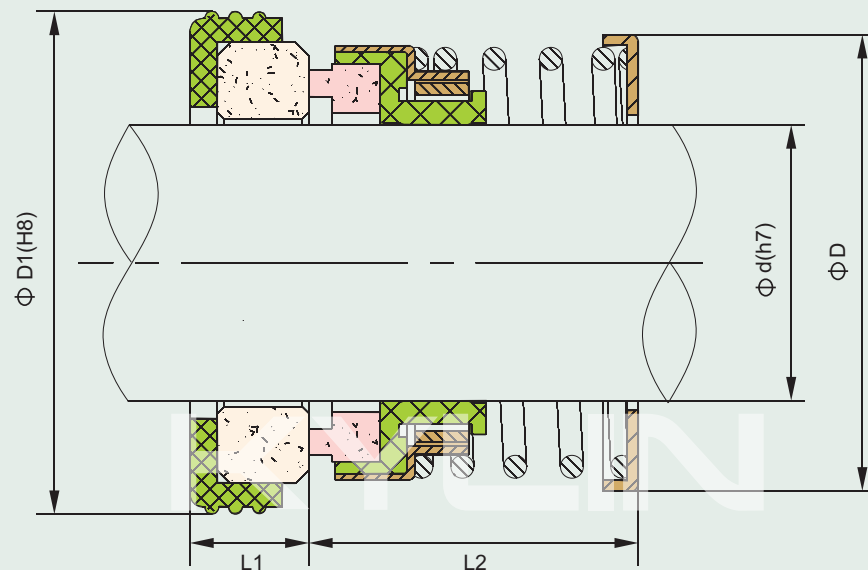
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KY TYPE 108



Working Conditions

- Pumps: Centrifugal pumps, pipe pumps, ordinary industrial pumps, etc.
- Temperature: -20°C~110°C
- Pressure: ≤0.8MPa
- Speed: ≤ 10 m/Sec

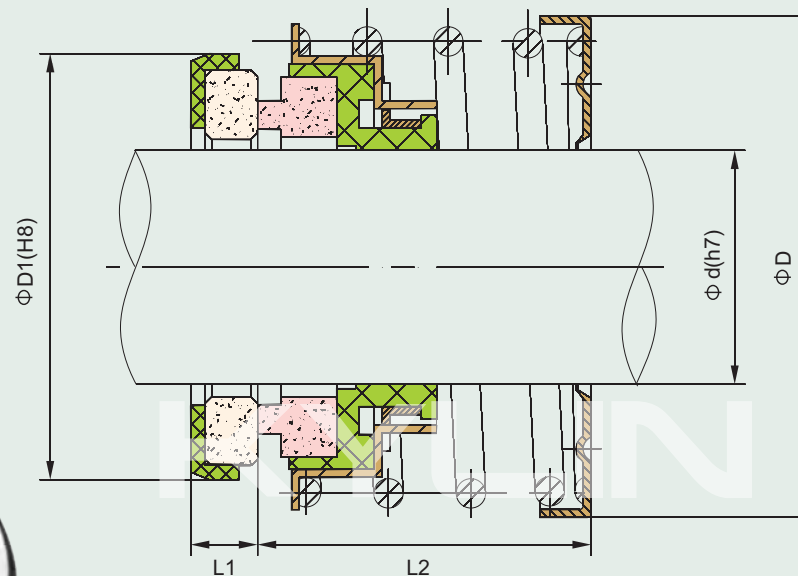
**Elastomer
Bellow
Shaft Seals**

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Part#	d	D	D1	L1	L2
KY TYPE 108-9	9	20	21	5	15
KY TYPE 108-10	10	20	21	5	15
KY TYPE 108-11	11	22	24	5	15
KY TYPE 108-12	12	22	26	5	15
KY TYPE 108-14	14	24.5	26	5	20
KY TYPE 108-15	15	26.5	27	5	20
KY TYPE 108-16	16	26.5	27	5	20
KY TYPE 108-17	17	32	33	5	20
KY TYPE 108-18	18	32	33	5	20
KY TYPE 108-19	19	34	35	5	20
KY TYPE 108-20	20	34	35	5	20
KY TYPE 108-22	22	36	37	6	22
KY TYPE 108-25	25	39	40	7	25
KY TYPE 108-28	28	42	43	7	28
KY TYPE 108-30	30	44	45	7	28
KY TYPE 108-35	35	49	50	8	29
KY TYPE 108-40	40	56	58	8.5	31.5
KY TYPE 108-45	45	61	63	8.5	31.5
KY TYPE 108-50	50	67	70	8.5	36.5
KY TYPE 108-55	55	72	75	8.5	36.5

KY TYPE 70



Part#	d	D	D1	L1	L2
KY TYPE 70-15	15	31.5	29.5	8	18/24
KY TYPE 70-16	16	31.5	29.5	8	18/24
KY TYPE 70-20	20	37	35	5	15
KY TYPE 70-25	25	44.2	40	5.5	16.5
KY TYPE 70-30	30	48.6	45	6	18
KY TYPE 70-35	35	54	50	6.5	19.5
KY TYPE 70-40	40	60.4	58	7.5	20.5

Elastomer Bellows Shaft Seals

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

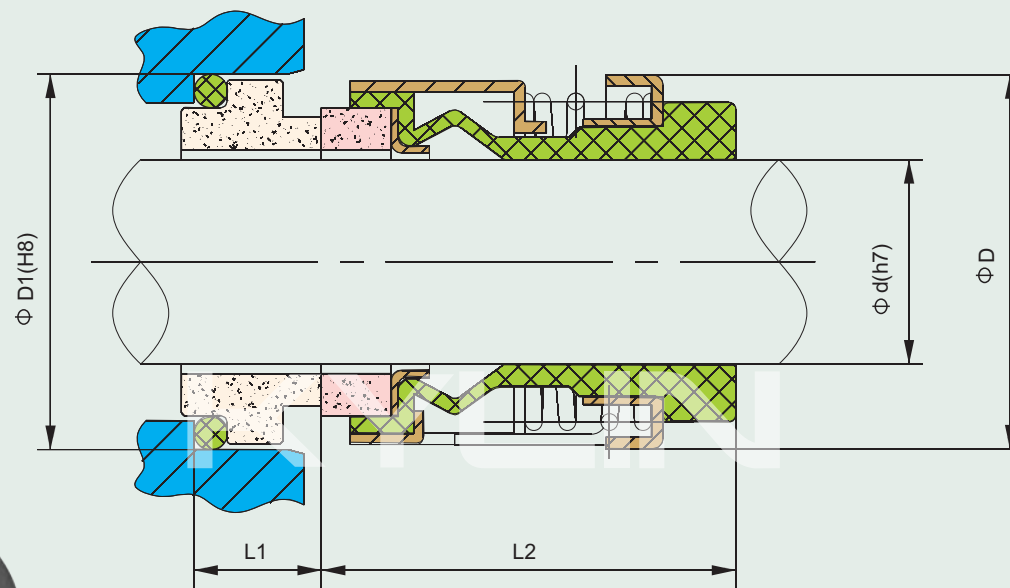
- Pumps: Submersible pumps and common multi-stage deep well pumps.
- Temperature: $-20^{\circ}\text{C} \sim 110^{\circ}\text{C}$
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

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KY TYPE CR

Part#	d	D	D1	L1	L2
KY TYPE CR-12	12	22	23	8	31
KY TYPE CR-16	16	26	27	8	32.5

Elastomer Bellows Shaft Seals

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

- Mediums: Water, oil and weakly-corrosive mediums.
- Temperature: -20°C~150°C
- Pressure: ≤ 1.2 MPa
- Speed: ≤ 10 m/Sec

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KY TYPE 155 / KY TYPE 155B

Compatibility:

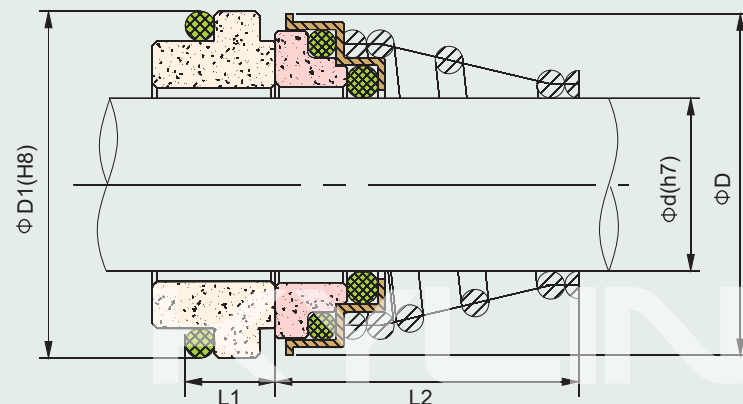
- Burgmann BT-FN,
Burgmann BT-FN.NU,
ROTEN TYPE 3, UNITEN TYPE 3,
AESSEAL T04, AESSEAL T04D

Working Conditions

- Pumps: Water pumps, circulation pumps, etc.
- Temperature: -20°C~200°C
- Pressure: ≤0.8MPa
- Speed: ≤ 10 m/Sec

Combined Materials

- Stationary Ring (Carbon/SiC/TC)
- Rotary Ring (Ceramic/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

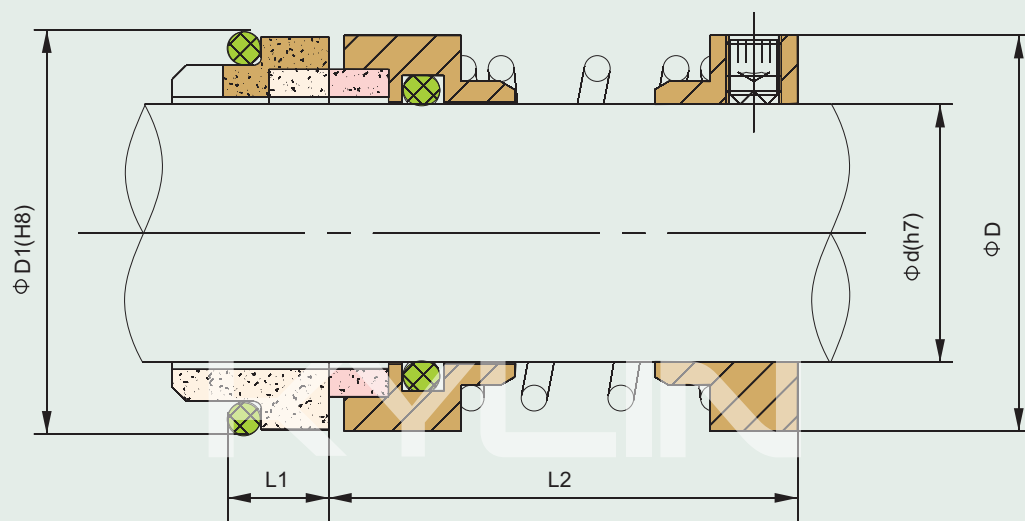


Part#	d	D	D1	L1	L2
KY TYPE 155B-10	10	20	21	7	15.2
KY TYPE 155B-12	12	22	23	7	18.2
KY TYPE 155B-14	14	25	25	7	22.2
KY TYPE 155B-16	16	29	27	7	23.2
KY TYPE 155B-18	18	33	33	10	24.2
KY TYPE 155B-20	20	33	35	10	25.2
KY TYPE 155B-22	22	38	37	10	25.2
KY TYPE 155B-24	24	38	39	10	27.2
KY TYPE 155B-25	25	40	40	10	27.2
KY TYPE 155B-28	28	46	43	10	29.2
KY TYPE 155B-30	30	46	45	10	30.2
KY TYPE 155B-32	32	46	48	10	30.2
KY TYPE 155B-33	33	48	48	10	39.2
KY TYPE 155B-35	35	50	50	10	39.2
KY TYPE 155B-38	38	56	56	13	42.2
KY TYPE 155B-40	40	58	58	13	42.2

Part#	d	D	D1	L1	L2
KY TYPE 155-10	10	20	18.1	5.5	15.2
KY TYPE 155-11	11	22	20.6	5.5	18.2
KY TYPE 155-12	12	22	20.6	5.5	18.2
KY TYPE 155-13	13	25	23.1	6	22.2
KY TYPE 155-14	14	25	23.1	6	22.2
KY TYPE 155-15	15	29	26.9	7	22.2
KY TYPE 155-16	16	29	26.9	7	23.2
KY TYPE 155-17	17	29	26.9	7	23.2
KY TYPE 155-18	18	33	30.9	8	24.2
KY TYPE 155-19	19	33	30.9	8	25.2
KY TYPE 155-20	20	33	30.9	8	25.2
KY TYPE 155-21	21	38	35.4	8	25.2
KY TYPE 155-22	22	38	35.4	8	25.2
KY TYPE 155-23	23	38	35.4	8	27.2
KY TYPE 155-24	24	38	35.4	8	27.2
KY TYPE 155-25	25	40	38.2	8.5	27.2
KY TYPE 155-28	28	46	43.3	9	29.2
KY TYPE 155-29	29	46	43.3	9	30.2
KY TYPE 155-30	30	46	43.3	9	30.2
KY TYPE 155-32	32	46	43.3	9	30.2
KY TYPE 155-33	33	48	53.5	11.5	39.2
KY TYPE 155-35	35	50	53.5	11.5	39.2
KY TYPE 155-38	38	56	60.5	11.5	39.2
KY TYPE 155-40	40	58	60.5	11.5	39.2

O Ring Mechanical Seals

KY TYPE 1527



Working Conditions

- Mediums: Water, oil, acid, alkali, etc.
- Temperature: $-20^{\circ}\text{C} \sim 180^{\circ}\text{C}$
- Pressure: $\leq 1.0\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Compatibility:

- SEALOL TYPE 1527



Combined Materials

- Stationary Ring (Carbon/Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton/Silica Gel)
- Spring and Metal Part (Steel)

Part#	d	D	D1	L1	L2
KY TYPE 1527-18	18	32	33	10	35
KY TYPE 1527-20	20	34	35	10	35
KY TYPE 1527-22	22	36	37	10	35
KY TYPE 1527-24	24	38	39	10	40
KY TYPE 1527-25	25	39	40	10	40
KY TYPE 1527-28	28	42	43	10	40
KY TYPE 1527-30	30	44	45	10	40
KY TYPE 1527-32	32	46	48	10	45
KY TYPE 1527-33	33	47	48	10	45
KY TYPE 1527-35	35	49	50	10	45
KY TYPE 1527-38	38	54	56	11	44
KY TYPE 1527-40	40	56	58	11	44
KY TYPE 1527-43	43	59	61	11	49
KY TYPE 1527-45	45	61	63	11	49
KY TYPE 1527-48	48	64	66	11	49
KY TYPE 1527-50	50	66	70	13	47
KY TYPE 1527-53	53	69	73	13	57
KY TYPE 1527-55	55	71	75	13	57
KY TYPE 1527-58	58	78	78	13	57
KY TYPE 1527-60	60	80	80	13	57
KY TYPE 1527-63	63	83	83	13	57
KY TYPE 1527-65	65	85	85	13	67
KY TYPE 1527-68	68	88	90	15.3	64.7
KY TYPE 1527-70	70	90	92	15.3	64.7
KY TYPE 1527-75	75	99	97	15.3	64.7
KY TYPE 1527-80	80	104	105	15.7	74.3
KY TYPE 1527-85	85	109	110	15.7	74.3
KY TYPE 1527-90	90	114	115	15.7	74.3
KY TYPE 1527-95	95	119	120	15.7	74.3
KY TYPE 1527-100	100	124	125	15.7	74.3

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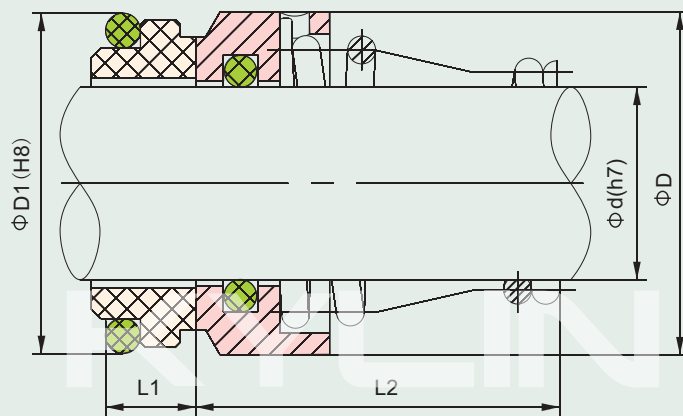
Combined Materials

- Stationary Ring (Carbon/SiC/TC)
- Rotary Ring (Steel/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton/Silica Gel)
- Spring and Metal Part (Steel)

Working Conditions

- Mediums: Water, oil, weak acid, weak alkali, etc.
- Temperature: -30°C~200°C
- Pressure: $\leq 1\text{MPa}$
- Speed: $\leq 10\text{m/Sec}$

KY TYPE E41



Compatibility:

- Burgmann BT-RN, AESSEAL T03, ROTEN TYPE 2, VULCAN TYPE 12

Part#	d	D	D1	L1	L2
KY TYPE E41-8	8	16	17.1	5.5	15.2
KY TYPE E41-10	10	17.5	18.1	5.5	15.2
KY TYPE E41-12	12	20	20.6	5.5	18.2
KY TYPE E41-14	14	23	23.1	6	22.2
KY TYPE E41-15	15	24	26.9	7	22.2
KY TYPE E41-16	16	26	26.9	7	23.2
KY TYPE E41-17	17	27	26.9	7	23.2
KY TYPE E41-18	18	29	30.9	8	24.2
KY TYPE E41-19	19	30	30.9	8	25.2
KY TYPE E41-20	20	30	30.9	8	25.2
KY TYPE E41-22	22	34	35.4	8	25.2
KY TYPE E41-24	24	35	35.4	8	27.2
KY TYPE E41-25	25	37	38.2	8.5	27.2
KY TYPE E41-26	26	38	38.2	8.5	27.2
KY TYPE E41-28	28	42	43.3	9	29.2
KY TYPE E41-30	30	43	43.3	9	30.2
KY TYPE E41-32	32	45	43.3	9	30.2
KY TYPE E41-33	33	48	53.5	11.5	39.2
KY TYPE E41-35	35	50	53.5	11.5	39.2
KY TYPE E41-38	38	54	60.5	11.5	39.2
KY TYPE E41-40	40	56	60.5	11.5	39.2
KY TYPE E41-42	42	59	60.5	11.5	39.2
KY TYPE E41-43	43	60	60.5	11.5	39.2
KY TYPE E41-45	45	64	65.5	11.5	41.2
KY TYPE E41-48	48	68	65.5	11.5	41.2
KY TYPE E41-50	50	69	72.5	11.5	45.2
KY TYPE E41-55	55	74	72.5	11.5	47.2
KY TYPE E41-60	60	80	79.3	11.5	49.2
KY TYPE E41-65	65	87	84.5	11.5	51.2
KY TYPE E41-70	70	92	89.5	11.5	51.2
KY TYPE E41-75	75	97	94.5	11.5	57.2
KY TYPE E41-80	80	102	99.5	11.5	59.2
KY TYPE E41-85	85	110	105.5	13.5	59.2
KY TYPE E41-90	90	117	111.5	13.5	62.2
KY TYPE E41-95	95	122	116.5	13.5	62.2
KY TYPE E41-100	100	127	119.5	13.5	75.2

KY TYPE E41U2

Combined Materials

- Stationary Ring (Carbon/SiC/TC)
- Rotary Ring (Steel/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton/Silica Gel)
- Spring and Metal Part (Steel)



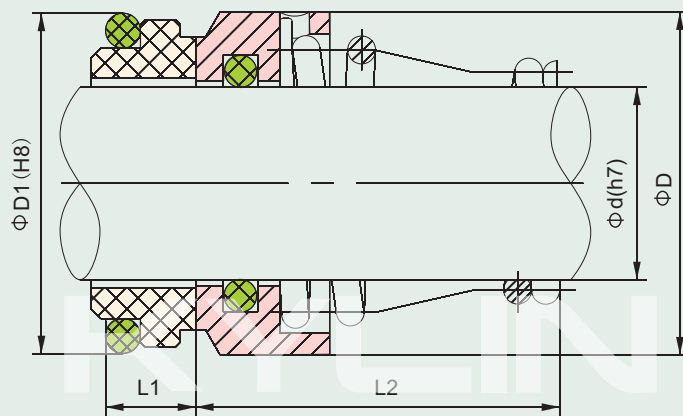
Compatibility:

- Burgmann BT-RN.NU, AESSEAL T03D, UNITEN TYPE 2

Part#	d	D	D1	L1	L2
KY TYPE E41U2-10	10	17.5	21	7	15.2
KY TYPE E41U2-12	12	20	23	7	18.2
KY TYPE E41U2-14	14	23	25	7	22.2
KY TYPE E41U2-16	16	26	27	7	23.2
KY TYPE E41U2-18	18	29	33	10	24.2
KY TYPE E41U2-20	20	29	35	10	25.2
KY TYPE E41U2-22	22	34	37	10	25.2
KY TYPE E41U2-24	24	34	39	10	27.2
KY TYPE E41U2-25	25	37	40	10	27.2
KY TYPE E41U2-28	28	42	43	10	29.2
KY TYPE E41U2-30	30	43	45	10	30.2
KY TYPE E41U2-32	32	45	48	10	30.2
KY TYPE E41U2-33	33	48	48	10	39.2
KY TYPE E41U2-35	35	49	50	10	39.2
KY TYPE E41U2-38	38	54	56	13	42.2
KY TYPE E41U2-40	40	56	58	13	42.2
KY TYPE E41U2-43	43	60	61	13	47.2
KY TYPE E41U2-45	45	64	63	13	47.2
KY TYPE E41U2-48	48	68	66	13	47.2
KY TYPE E41U2-50	50	69	70	14	46.2
KY TYPE E41U2-53	53	71	73	14	56.2
KY TYPE E41U2-55	55	74	75	14	56.2
KY TYPE E41U2-58	58	76	78	14	56.2
KY TYPE E41U2-60	60	79	80	14	56.2
KY TYPE E41U2-63	63	83	83	14	56.2
KY TYPE E41U2-65	65	87	85	14	66.2
KY TYPE E41U2-68	68	88	90	16	64.2
KY TYPE E41U2-70	70	92	92	16	64.2
KY TYPE E41U2-75	75	97	97	16	64.2
KY TYPE E41U2-80	80	102	105	18	72.2
KY TYPE E41U2-85	85	110	110	18	72.2
KY TYPE E41U2-90	90	117	115	18	72.2
KY TYPE E41U2-95	95	122	120	18	72.2
KY TYPE E41U2-100	100	127	125	18	72.2

Working Conditions

- Mediums: Water, oil, weak acid, weak alkali, etc.
- Temperature: -30°C~200°C
- Pressure: ≤ 1.2MPa
- Speed: ≤ 10m/Sec



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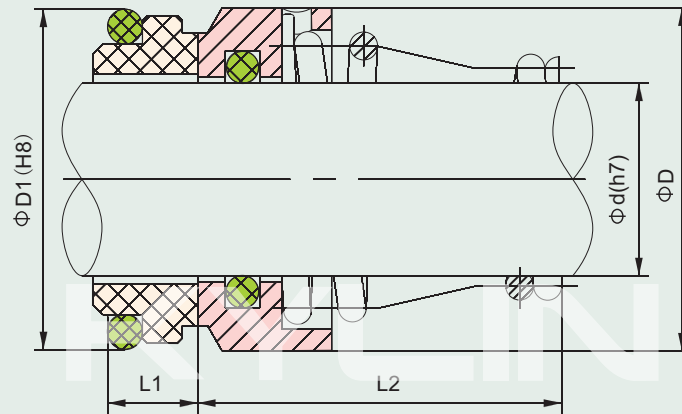
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Combined Materials

- Stationary Ring (Carbon/SiC/TC)
- Rotary Ring (Steel/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton/Silica Gel)
- Spring and Metal Part (Steel)

KY TYPE E42



Working Conditions

- Mediums: Water, oil, weak acid, weak alkali, etc.
- Temperature: $-30^{\circ}\text{C} \sim 200^{\circ}\text{C}$
- Pressure: $\leq 1\text{MPa}$
- Speed: $\leq 10\text{m/Sec}$

Part#	d	D	D1	L1	L2
KY TYPE E42-10	10	19	19.2	7.1	15.7
KY TYPE E42-12	12	20	21.6	7.6	15.7
KY TYPE E42-14	14	23	24.6	7.6	15.7
KY TYPE E42-15	15	24	24.6	8.6	15.7
KY TYPE E42-16	16	26	28	9	17.7
KY TYPE E42-18	18	29	30	10	18.7
KY TYPE E42-19	19	31	31	9	20.2
KY TYPE E42-20	20	31	35	9.5	20.2
KY TYPE E42-22	22	33	35	9.5	21.7
KY TYPE E42-24	24	35	38	9.5	23.2
KY TYPE E42-25	25	36	38	9.5	24.7
KY TYPE E42-26	26	36	40	10	24.7
KY TYPE E42-28	28	40	42	11	24.7
KY TYPE E42-30	30	43	45	11	24.7
KY TYPE E42-32	32	46	48	11	28.2
KY TYPE E42-35	35	49	52	11.5	28.2
KY TYPE E42-38	38	53	55	11.5	31.2
KY TYPE E42-40	40	56	58	11.5	34.2
KY TYPE E42-42	42	59	62	14.3	35.2
KY TYPE E42-43	43	59	63	14.3	35.2
KY TYPE E42-45	45	61	64	14.3	36.7
KY TYPE E42-48	48	64	68.4	14.3	42.2
KY TYPE E42-50	50	66	69.3	14.3	43.2
KY TYPE E42-55	55	71	75.4	15.3	47.2
KY TYPE E42-58	58	76	78.4	15.3	50.2
KY TYPE E42-60	60	78	80.4	15.3	51.2
KY TYPE E42-65	65	84	85.4	15.3	52.2
KY TYPE E42-68	68	87	91.5	16	53.2
KY TYPE E42-70	70	90	92	15.3	54.2
KY TYPE E42-75	75	98	99	15.3	55.2
KY TYPE E42-80	80	100	104	16.3	58.2

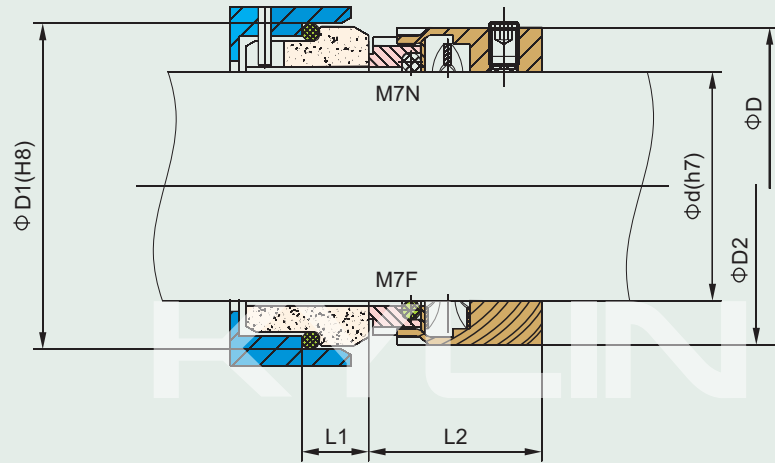
O Ring Mechanical Seals

▪ Add: A1001, Hebang Building, No.933 Tiantong North Road, Ningbo, China 315100

▪ Tel: +86-134-56162828

▪ Fax: +86-574-89069223

▪ Email: sales@kyltd.com



Combined Materials

- Stationary Ring (Carbon/SiC/TC)
- Rotary Ring (Carbon/Steel/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Part (Steel)

Part#	d	D	D1	D2	L1	L2
KY M7N M7F-14	14	25	25	33	10	25.2
KY M7N M7F-16	16	27	27	35	10	25.2
KY M7N M7F-18	18	33	33	37	11.5	26.2
KY M7N M7F-20	20	35	35	39	11.5	26.2
KY M7N M7F-22	22	37	37	41	11.5	26.2
KY M7N M7F-24	24	39	39	43	11.5	28.7
KY M7N M7F-25	25	40	40	44	11.5	28.7
KY M7N M7F-28	28	43	43	46	11.5	31.2
KY M7N M7F-30	30	45	45	48	11.5	31.2
KY M7N M7F-32	32	47	48	50	11.5	31.2
KY M7N M7F-33	33	48	48	50	11.5	31.2
KY M7N M7F-35	35	50	50	53	11.5	31.2
KY M7N M7F-38	38	55	56	58	14	31.2
KY M7N M7F-40	40	57	58	60	14	31.2
KY M7N M7F-43	43	60	61	64	14	31.2
KY M7N M7F-45	45	62	63	65	14	31.2
KY M7N M7F-48	48	65	66	68	14	31.2
KY M7N M7F-50	50	67	70	70	15	32.7
KY M7N M7F-53	53	70	73	74	15	32.7
KY M7N M7F-55	55	72	75	75	15	32.7
KY M7N M7F-58	58	79	78	82	15	37.7
KY M7N M7F-60	60	81	80	84	15	37.7
KY M7N M7F-63	63	84	83	87	15	37.7
KY M7N M7F-65	65	86	85	94	15	37.7
KY M7N M7F-68	68	89	90	92	18	34.7
KY M7N M7F-70	70	91	92	94	18	42.2
KY M7N M7F-75	75	99	97	104	18	42.2
KY M7N M7F-80	80	104	105	108	18.2	42
KY M7N M7F-85	85	109	110	113	18.2	42
KY M7N M7F-90	90	114	115	118	18.2	47
KY M7N M7F-95	95	119	120	123	17.2	48
KY M7N M7F-100	100	124	125	128	17.2	48

Working Conditions

- Mediums: Water, oil, acid, alkali, etc.
- Temperature: -30°C~200°C
- Pressure: ≤ 1.2 MPa
- Speed: ≤ 18 m/Sec

Compatibility:

- Burgmann M7N / M7F

KY M7N / KY M7F



O Ring Mechanical Seals



KY H7N

Combined Materials

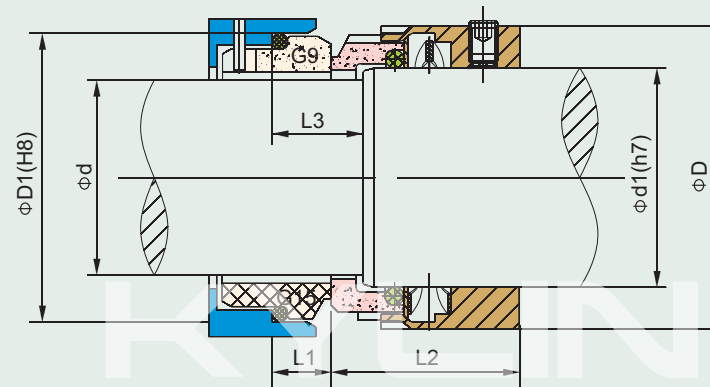
- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Part (Steel)

Compatibility:

- Burgmann H7N

Working Conditions

- Mediums: Water, oil, acid, alkali with low corrosion, etc.
- Temperature: -20°C~200°C
- Pressure: ≤2.5MPa
- Speed: ≤ 18m/Sec



Part#	d	d1	D	D1	L1	L2	L3
KY H7N-14	14	18	33	25	10	32.7	18
KY H7N-16	16	20	35	27	10	32.7	18
KY H7N-18	18	22	37	33	11.5	33.7	20
KY H7N-20	20	24	39	35	11.5	33.7	20
KY H7N-22	22	26	41	37	11.5	33.7	20
KY H7N-24	24	28	43	39	11.5	36.2	20
KY H7N-25	25	30	45	40	11.5	36.2	20
KY H7N-28	28	33	48	43	11.5	38.7	20
KY H7N-30	30	35	50	45	11.5	38.7	20
KY H7N-32	32	38	55	48	11.5	38.7	20
KY H7N-33	33	38	55	48	11.5	38.7	20
KY H7N-35	35	40	57	50	11.5	38.7	20
KY H7N-38	38	43	60	56	14	38.7	23
KY H7N-40	40	45	62	58	14	38.7	23
KY H7N-43	43	48	65	61	14	38.7	23
KY H7N-45	45	50	67	63	14	38.7	23
KY H7N-48	48	53	70	66	14	38.7	23
KY H7N-50	50	55	72	70	15	42.7	25
KY H7N-53	53	58	79	73	15	42.7	25
KY H7N-55	55	60	81	75	15	42.7	25
KY H7N-58	58	63	84	78	15	47.7	25
KY H7N-60	60	65	86	80	15	47.7	25
KY H7N-63	63	68	89	83	15	47.7	25
KY H7N-65	65	70	91	85	15	47.7	25
KY H7N-70	70	75	99	92	18	52.2	28
KY H7N-75	75	80	104	97	18	52.2	28
KY H7N-80	80	85	109	105	18.2	52	28
KY H7N-85	85	90	114	110	18.2	57	28
KY H7N-90	90	95	119	115	18.2	57	28
KY H7N-95	95	100	124	120	17.2	58	28

**O Ring
Mechanical
Seals**

KY H12N

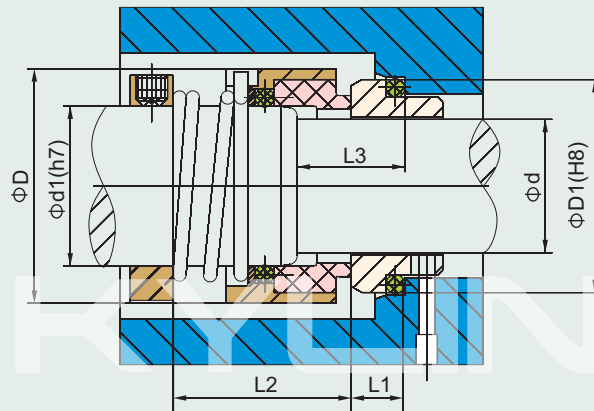


Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Part (Steel)

Compatibility:

- Burgmann H12N



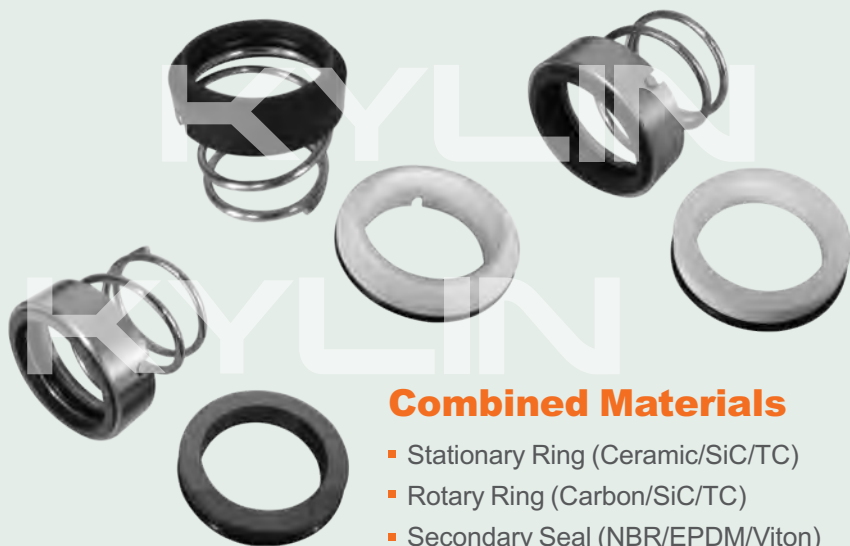
Part#	d	d1	D	D1	L1	L2	L3
KY H12N-10	10	14	24	21	10	25.7	18
KY H12N-12	12	16	26	23	10	26.7	18
KY H12N-14	14	18	31	25	10	29.7	18
KY H12N-16	16	20	34	27	10	31.2	18
KY H12N-18	18	22	36	33	11.5	32.7	20
KY H12N-20	20	24	38	35	11.5	32.7	20
KY H12N-22	22	26	40	37	11.5	32.7	20
KY H12N-24	24	28	42	39	11.5	32.7	20
KY H12N-25	25	30	44	40	11.5	33.7	20
KY H12N-28	28	33	47	43	11.5	35.7	20
KY H12N-30	30	35	49	45	11.5	35.7	20
KY H12N-32	32	38	54	48	11.5	39.7	20
KY H12N-33	33	38	54	48	11.5	39.7	20
KY H12N-35	35	40	56	50	11.5	43.7	20
KY H12N-38	38	43	59	56	14	46.2	23
KY H12N-40	40	45	61	58	14	48.2	23
KY H12N-43	43	48	64	61	14	51.2	23
KY H12N-45	45	50	66	63	14	55.2	23
KY H12N-48	48	53	69	66	14	55.2	23
KY H12N-50	50	55	71	70	15	58.2	25
KY H12N-53	53	58	78	73	15	60.2	25
KY H12N-55	55	60	79	75	15	60.2	25
KY H12N-58	58	63	83	78	15	60.2	25
KY H12N-60	60	65	85	80	15	60.2	25
KY H12N-63	63	68	88	83	15	60.2	25
KY H12N-65	65	70	90	85	15	61.2	25
KY H12N-70	70	75	98	92	18	63.2	28
KY H12N-75	75	80	103	97	18	68.2	28
KY H12N-80	80	85	109	105	18.2	68.2	28

O Ring Mechanical Seals

Working Conditions

- Pumps: Water pumps, sewage pumps and chemical pumps, etc.
- Temperature: -20°C~180°C
- Pressure: ≤ 2.5 MPa
- Speed: ≤ 10 m/Sec

**KY M37,M37G
/ KY M32 / KY M3N**



Combined Materials

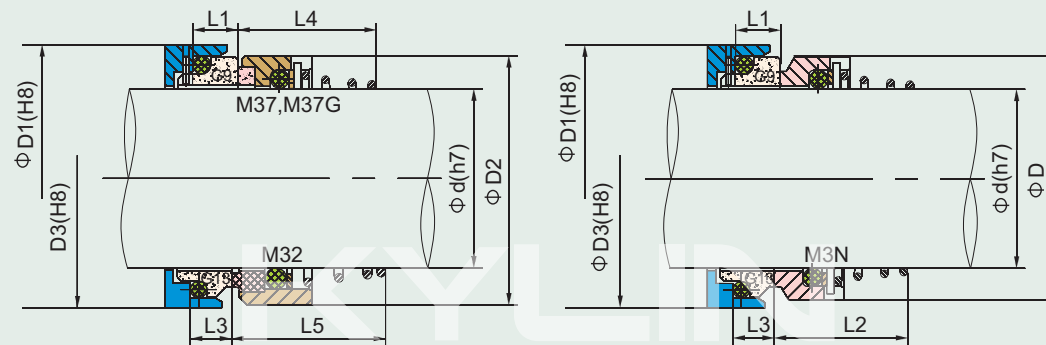
- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Part (Steel)
- G9,G4,G6 and G13 seats

Compatibility:

- Burgmann M32 / M37, M37G / M3N

Working Conditions

- Pumps: Water pumps, sewage pumps, and chemical pumps, etc.
- Temperature: -20°C~180°C
- Pressure: ≤1MPa
- Speed: ≤ 10m/Sec



Part#	d	D	D1	D2	D3	L1	L2	L3	L4	L5
KY M32 / M37, M37G / M3N-10	10	19	21	20	19.2	10	15.5	7.1		16.9
KY M32 / M37, M37G / M3N-12	12	21	23	22	21.6	10	16	7.6		17.4
KY M32 / M37, M37G / M3N-14	14	23	25	24	24.6	10	16.5	7.6	16.5	17.4
KY M32 / M37, M37G / M3N-16	16	26	27	26	28	10	18	9	16.5	19.5
KY M32 / M37, M37G / M3N-18	18	29	33	31	30	11.5	19.5	10	18	20.5
KY M32 / M37, M37G / M3N-20	20	31	35	34	35	11.5	22	9.5	19	22
KY M32 / M37, M37G / M3N-22	22	33	37	36	35	11.5	21.5	9.5	20.5	23.5
KY M32 / M37, M37G / M3N-24	24	35	39	38	38	11.5	23.5	9.5	22	25
KY M32 / M37, M37G / M3N-25	25	36	40	39	38	11.5	26.5	9.5	23.5	26.5
KY M32 / M37, M37G / M3N-28	28	40	43	42	42	11.5	26.5	11	24.5	26.5
KY M32 / M37, M37G / M3N-30	30	43	45	44	45	11.5	26.5	11	24.5	25
KY M32 / M37, M37G / M3N-32	32	46	48	46	48	11.5	28.5	11	28	28.5
KY M32 / M37, M37G / M3N-33	33	47	48	47		11.5	28.5			
KY M32 / M37, M37G / M3N-35	35	49	50	49	52	11.5	28.5	11.5	28	28.5
KY M32 / M37, M37G / M3N-38	38	53	56	54	55	14	33.5	11.5	31	32.2
KY M32 / M37, M37G / M3N-40	40	56	58	56	58	14	36	11.5	34	34.7
KY M32 / M37, M37G / M3N-43	43	59	61	59		14	38.5			
KY M32 / M37, M37G / M3N-45	45	61	63	61	64	14	39.5	14.3	36.5	39.2
KY M32 / M37, M37G / M3N-48	48	64	66	64	68.4	14	46	14.3	42	44.7
KY M32 / M37, M37G / M3N-50	50	66	70	66	69.3	15	45	14.3	43	45.7
KY M32 / M37, M37G / M3N-53	53	69	73	69		15	47			
KY M32 / M37, M37G / M3N-55	55	71	75	71	75.4	15	49	15.3	47	49
KY M32 / M37, M37G / M3N-58	58	76	78	78	78.4	15	55	15.3	50	52
KY M32 / M37, M37G / M3N-60	60	78	80	79	80.4	15	55	15.3	51	55
KY M32 / M37, M37G / M3N-63	63	83	83	83		15	55			
KY M32 / M37, M37G / M3N-65	65	84	85	85	85.4	15	55	15.3	52	54.3
KY M32 / M37, M37G / M3N-68	68	88	90	88	91.5	18	55	16	52.7	55.3
KY M32 / M37, M37G / M3N-70	70	90	92	90	92	18	57	15.3	54	56.3
KY M32 / M37, M37G / M3N-75	75	98	97	98	99	18	62	15.3	54	56.3
KY M32 / M37, M37G / M3N-80	80	100	105	103	104	18.2	61.8	16.3	58	59.3

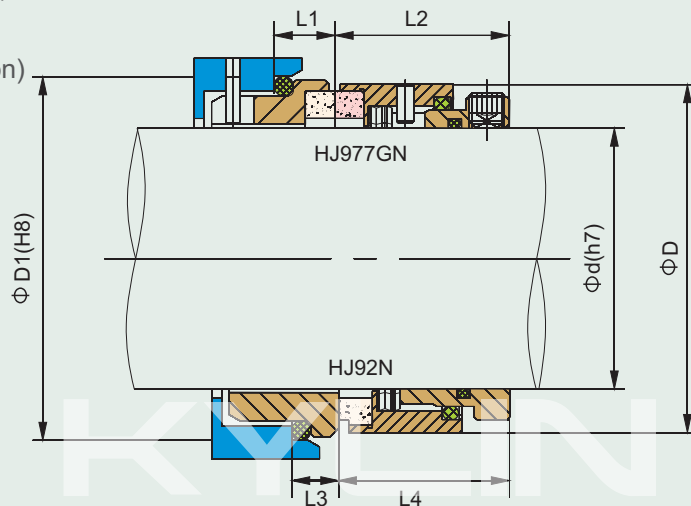
**O Ring
Mechanical
Seals**

**KY HJ92N
/ KY HJ977GN**



Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal(NBR/EPDM/Viton)
- Spring and Metal Part (Steel)



Compatibility:

- Burgmann HJ92N / HJ977GN

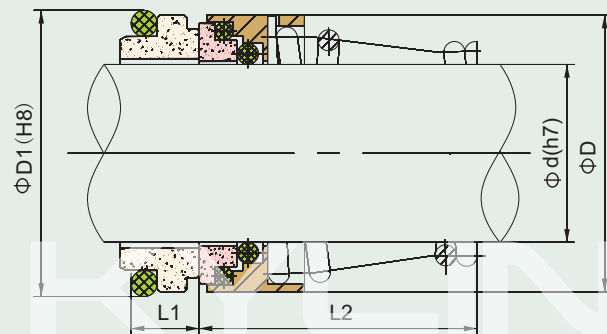
Working Conditions

- Mediums: Pulp and paper, sugar, and sewage disposal, etc.
- Temperature: -20°C~200°C
- Pressure: ≤2.5MPa
- Speed: ≤ 15m/Sec

Part#	d	D	D1	L1	L2	L3	L4
KY HJ92N / HJ977GN-18	18	32	33	9	28.7	7	30.7
KY HJ92N / HJ977GN-20	20	34	35	9	28.7	7	30.7
KY HJ92N / HJ977GN-22	22	36	37	9	28.7	7	30.7
KY HJ92N / HJ977GN-24	24	38	39	9	31.2	7	33.2
KY HJ92N / HJ977GN-25	25	39	40	9	31.2	7	33.2
KY HJ92N / HJ977GN-28	28	42	43	9.5	33.2	7	35.7
KY HJ92N / HJ977GN-30	30	44	45	9.5	33.2	7	35.7
KY HJ92N / HJ977GN-32	32	47	48	9.5	33.2	7	35.7
KY HJ92N / HJ977GN-33	33	47	48	9.5	33.2	7	35.7
KY HJ92N / HJ977GN-35	35	49	50	9.5	33.2	7	35.7
KY HJ92N / HJ977GN-38	38	54	56	10.5	34.7	8	37.2
KY HJ92N / HJ977GN-40	40	56	58	10.5	34.7	8	37.2
KY HJ92N / HJ977GN-43	43	59	61	10.5	34.7	8	37.2
KY HJ92N / HJ977GN-45	45	61	63	10.5	34.7	8	37.2
KY HJ92N / HJ977GN-48	48	64	66	10.5	34.7	8	37.2
KY HJ92N / HJ977GN-50	50	66	70	12	35.7	9.5	38.2
KY HJ92N / HJ977GN-53	53	69	73	12	35.7	9.5	38.2
KY HJ92N / HJ977GN-55	55	71	75	12	35.7	9.5	38.2
KY HJ92N / HJ977GN-58	58	78	78	13	39.7	10.5	42.2
KY HJ92N / HJ977GN-60	60	80	80	13	39.7	10.5	42.2
KY HJ92N / HJ977GN-63	63	83	83	13	39.7	10.5	42.2
KY HJ92N / HJ977GN-65	65	85	85	13	39.7	10.5	42.2
KY HJ92N / HJ977GN-68	68	88	90	13.5	39.2	11	41.7
KY HJ92N / HJ977GN-70	70	90	92	14	46.2	11.5	48.7
KY HJ92N / HJ977GN-75	75	99	97	14	46.2	11.5	48.7
KY HJ92N / HJ977GN-80	80	104	105	14	46.2	11.5	48.7
KY HJ92N / HJ977GN-85	85	109	110	14	46.2	11.5	48.7
KY HJ92N / HJ977GN-90	90	114	115	15.5	49.7	13	52.2
KY HJ92N / HJ977GN-95	95	119	120	15.5	49.7	13	52.2
KY HJ92N / HJ977GN-100	100	124	125	15.5	49.7	13	52.2

**O Ring
Mechanical
Seals**

KY TYPE 155C



Working Conditions

- Pumps: Water pumps, circulation pumps, etc.
- Temperature: -20°C~200°C
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Combined Materials

- Stationary Ring (Carbon/SiC/TC)
- Rotary Ring (Ceramic/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Compatibility:

- ROTEN TYPE 5

Part#	d	D	D1	L1	L2
KY TYPE 155C-10	10	19	18.1	5.5	20.2
KY TYPE 155C-11	11	22	20.6	5.5	22.2
KY TYPE 155C-12	12	22	20.6	5.5	22.2
KY TYPE 155C-13	13	24	23.1	6	27.2
KY TYPE 155C-14	14	24	23.1	6	27.2
KY TYPE 155C-15	15	28.5	26.9	7	27.2
KY TYPE 155C-16	16	28.5	26.9	7	28.2
KY TYPE 155C-17	17	28.5	26.9	7	28.2
KY TYPE 155C-18	18	32.5	30.9	8	30.2
KY TYPE 155C-19	19	32.5	30.9	8	30.2
KY TYPE 155C-20	20	32.5	30.9	8	30.2
KY TYPE 155C-21	21	37	35.4	8	30.2
KY TYPE 155C-22	22	37	35.4	8	30.2
KY TYPE 155C-23	23	37	35.4	8	32.2
KY TYPE 155C-24	24	37	35.4	8	32.2
KY TYPE 155C-25	25	40.5	38.2	8.5	33.2
KY TYPE 155C-26	26	40.5	38.2	8.5	33.2
KY TYPE 155C-27	27	40.5	38.2	8.5	33.2
KY TYPE 155C-28	28	46.5	43.3	9	36.2
KY TYPE 155C-29	29	46.5	43.3	9	37.2
KY TYPE 155C-30	30	46.5	43.3	9	37.2
KY TYPE 155C-31	31	46.5	43.3	9	37.2
KY TYPE 155C-32	32	46.5	43.3	9	37.2
KY TYPE 155C-33	33	56.5	53.5	11.5	48.2

Part#	d	D	D1	L1	L2
KY TYPE 155C-34	34	56.5	53.5	11.5	48.2
KY TYPE 155C-35	35	56.5	53.5	11.5	48.2
KY TYPE 155C-37	37	56.5	53.5	11.5	48.2
KY TYPE 155C-38	38	63	60.5	11.5	48.2
KY TYPE 155C-39	39	63	60.5	11.5	48.2
KY TYPE 155C-40	40	63.5	60.5	11.5	48.2
KY TYPE 155C-42	42	63.5	60.5	11.5	48.2
KY TYPE 155C-43	43	63.5	60.5	11.5	48.2
KY TYPE 155C-44	44	68.5	65.5	11.5	51.2
KY TYPE 155C-45	45	68.5	65.5	11.5	51.2
KY TYPE 155C-48	48	68.5	65.5	11.5	51.2
KY TYPE 155C-49	49	68.5	65.5	11.5	51.2
KY TYPE 155C-50	50	75	72.5	11.5	55.2
KY TYPE 155C-55	55	75	72.5	11.5	57.2
KY TYPE 155C-60	60	83	79.3	11.5	61.2
KY TYPE 155C-65	65	88	84.5	11.5	63.2
KY TYPE 155C-70	70	93	89.5	11.5	63.2
KY TYPE 155C-75	75	98	94.5	11.5	68.2
KY TYPE 155C-80	80	103	99.5	11.5	70.2
KY TYPE 155C-85	85	117	105.5	13.5	72.2
KY TYPE 155C-90	90	122	111.5	13.5	75.2
KY TYPE 155C-95	95	129	116.5	13.5	75.2
KY TYPE 155C-100	100	135	119.5	13.5	85.2

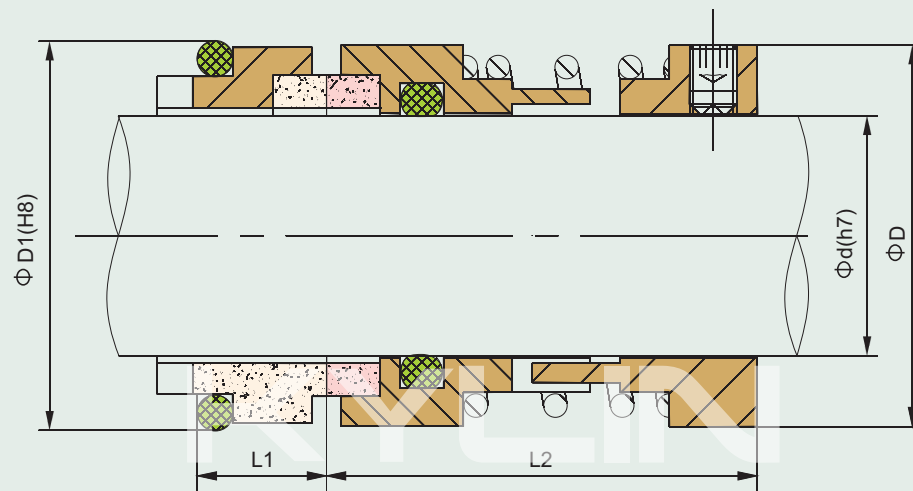
O Ring Mechanical Seals

KY TYPE 250



Compatibility:

- EagleBurgmann Ha211



O Ring Mechanical Seals

Combined Materials

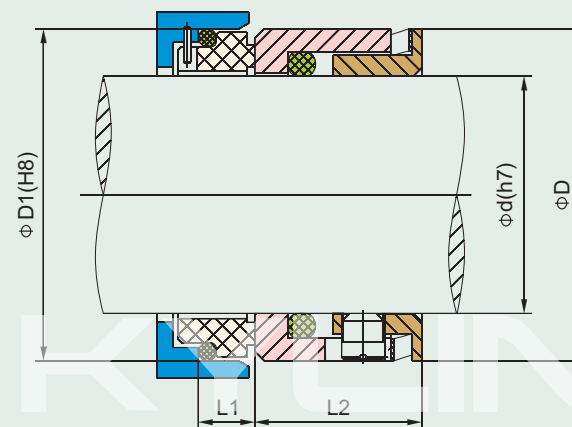
- Stationary Ring (Carbon/Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Part (Steel)

Working Conditions

- Mediums: Water, oil, weak acid, weak alkali, etc.
- Temperature: $-20^{\circ}\text{C} \sim 180^{\circ}\text{C}$
- Pressure: $\leq 1.2\text{MPa}$
- Speed: $\leq 16\text{m/Sec}$

Part#	d	D	D1	L1	L2
KY TYPE 250-20	20	34	35	13	41
KY TYPE 250-22	22	36	37	13	41
KY TYPE 250-24	24	38	39	13	43
KY TYPE 250-25	25	39	40	13	43
KY TYPE 250-28	28	42	43	13	45
KY TYPE 250-30	30	44	45	13	45
KY TYPE 250-33	33	47	48	13	45
KY TYPE 250-35	35	49	50	13	49
KY TYPE 250-38	38	54	56	13	53
KY TYPE 250-40	40	56	58	13	55
KY TYPE 250-43	43	59	61	13	55
KY TYPE 250-45	45	61	63	13	55
KY TYPE 250-48	48	64	66	13	55
KY TYPE 250-50	50	66	68	13	60
KY TYPE 250-53	53	69	71	13	61
KY TYPE 250-55	55	71	73	13	61
KY TYPE 250-58	58	76	79	16	63
KY TYPE 250-60	60	78	81	16	63
KY TYPE 250-63	63	81	84	16	63
KY TYPE 250-65	65	83	86	16	67
KY TYPE 250-70	70	90	92	16	68
KY TYPE 250-75	75	95	97	16	72
KY TYPE 250-80	80	100	105	16	72
KY TYPE 250-85	85	105	110	16	77

KY TYPE 33
KY TYPE 33A



Combined Materials

- Stationary Ring (Carbon/SiC/TC)
- Rotary Ring (Carbon/SiC/TC/Steel)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Part (Steel)

Working Conditions

- Mediums: Water, oil, weak acid, weak alkali, etc.
- Temperature: -20°C~200°C
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 15\text{m/Sec}$

Compatibility:

- AESSEAL W02 / AESSEAL W01

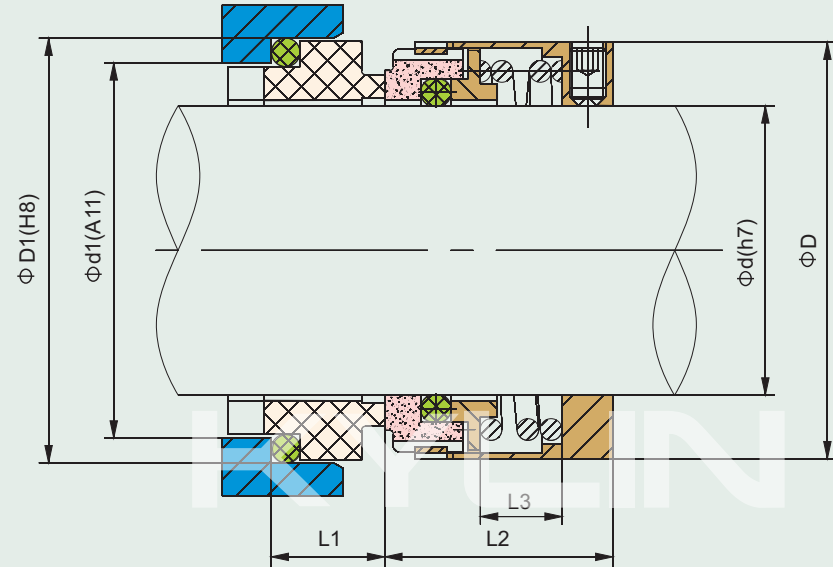
Part#	d	D	D1	L1	L2
KY TYPE 33-16	16	27	27	8.6	19.3
KY TYPE 33-20	20	31	35	10	19.3
KY TYPE 33-22	22	33	37	10	19.3
KY TYPE 33-24	24	34.1	39	10	19.3
KY TYPE 33-25	25	35.2	40	10	19.3
KY TYPE 33-28	28	40	43	10	19.3
KY TYPE 33-30	30	41	45	10	19.3
KY TYPE 33-32	32	42.4	48	10	19.3
KY TYPE 33-33	33	44	48	10	19.3
KY TYPE 33-35	35	45.5	50	10	21.3
KY TYPE 33-38	38	51.8	56	11	21.3
KY TYPE 33-40	40	53.8	58	11	21.3
KY TYPE 33-43	43	56	61	11	21.3
KY TYPE 33-45	45	58.2	63	11	21.3
KY TYPE 33-48	48	61.4	66	11	21.3
KY TYPE 33-50	50	61.9	70	13	21.3
KY TYPE 33-55	55	72	75	13	22.3
KY TYPE 33-60	60	76	80	13	26
KY TYPE 33-63	63	79.3	83	13	26
KY TYPE 33-65	65	82.3	85	13	26
KY TYPE 33-70	70	88.9	92	15.3	26
KY TYPE 33-75	75	96	97	15.3	26

Part#	d	D	D1	L1	L2
KY TYPE 33A-5/8"	15.8	27	28.58	6.3	19.3
KY TYPE 33A-16	16	27	28.58	6.3	19.3
KY TYPE 33A-3/4"	19.05	30.3	31.75	6.3	19.3
KY TYPE 33A-24	24	34.2	35.46	7.6	19.3
KY TYPE 33A-28	28	40	42	7.6	19.3
KY TYPE 33A-1 1/8"	28.58	40	41.27	7.6	19.3
KY TYPE 33A-30	30	40.7	42.7	7.6	19.3
KY TYPE 33A-1 1/4"	31.75	42.5	44.2	7.6	19.3
KY TYPE 33A-32	32	42.5	44.45	7.6	19.3
KY TYPE 33A-35	35	45.6	47.62	7.6	19.3
KY TYPE 33A-38	38	52	53.97	8.1	21.3
KY TYPE 33A-1 3/4"	44.45	58.3	60.32	8.1	21.3
KY TYPE 33A-1 7/8"	47.63	61.5	63.5	8.1	21.3
KY TYPE 33A-50	50	62	63.96	8.1	21.3
KY TYPE 33A-2"	50.8	64.7	66.67	9.6	22.3
KY TYPE 33A-2 1/8"	53.98	71	73.02	9.6	22.3
KY TYPE 33A-2.15"	54.61	73	75	9.6	22.3
KY TYPE 33A-55	55	73	75	9.6	22.3
KY TYPE 33A-63	63	79.3	83	9.1	26
KY TYPE 33A-2 1/2"	63.5	79.3	88.9	9.1	26
KY TYPE 33A-2 3/4"	69.85	88.9	95.2	9.1	26
KY TYPE 33A-2 7/8"	73	94	98.4	9.1	26
KY TYPE 33A-75	75	96	100.4	9.1	26

O Ring
Mechanical
Seals



KY TYPE 104



Working Conditions

- Mediums: Water, oil, weak acid, weak alkali, etc.
- Temperature: -20°C~200°C
- Pressure: $\leq 1\text{MPa}$
- Speed: $\leq 15\text{m/Sec}$

Part#	d	d1	D	D1	L1	L2	L3
KY TYPE 104-16	16	25	33	33	12.5	37	8
KY TYPE 104-18	18	28	35	36	12.5	40	11
KY TYPE 104-20	20	30	37	40	14.3	40	11
KY TYPE 104-22	22	32	39	42	14.3	43	14
KY TYPE 104-25	25	35	42	45	14.3	43	14
KY TYPE 104-28	28	38	45	48	14.3	44	15
KY TYPE 104-30	30	40	52	50	14.3	49	15
KY TYPE 104-35	35	45	57	55	14.3	51	17
KY TYPE 104-40	40	50	62	60	14.3	54	20
KY TYPE 104-45	45	55	67	65	14.3	60	25
KY TYPE 104-50	50	60	72	70	14.3	63	28
KY TYPE 104-55	55	65	77	75	14.3	65	30
KY TYPE 104-60	60	70	82	80	14.3	65	30
KY TYPE 104-65	65	80	92	90	17.3	74	35
KY TYPE 104-70	70	85	97	97	19.3	76	37
KY TYPE 104-75	75	90	102	102	19.3	76	37
KY TYPE 104-80	80	95	107	107	19.3	81	42
KY TYPE 104-85	85	100	112	112	19.3	82	42
KY TYPE 104-90	90	105	117	117	19.3	83	43
KY TYPE 104-95	95	110	122	122	19.3	83	43
KY TYPE 104-100	100	115	127	127	19.3	83	43
KY TYPE 104-110	110	130	141	142	21.3	105	60
KY TYPE 104-120	120	140	151	152	21.3	105	60

O Ring Mechanical Seals

Combined Materials

- Stationary Ring (Carbon/SiC/TC)
- Rotary Ring (Ceramic/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Parts (Steel)

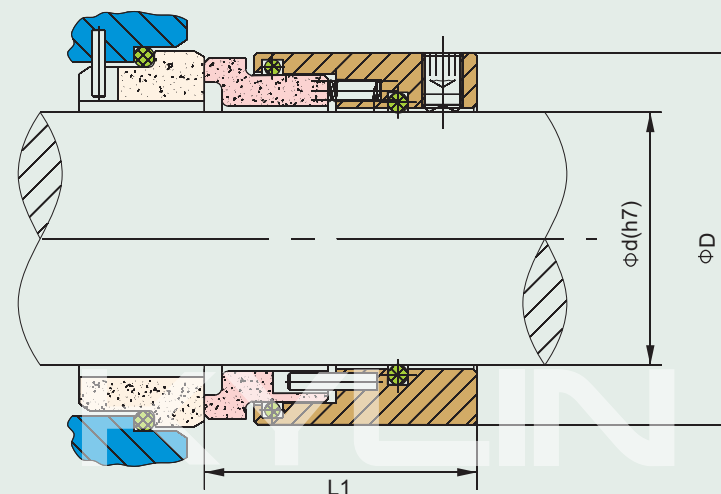
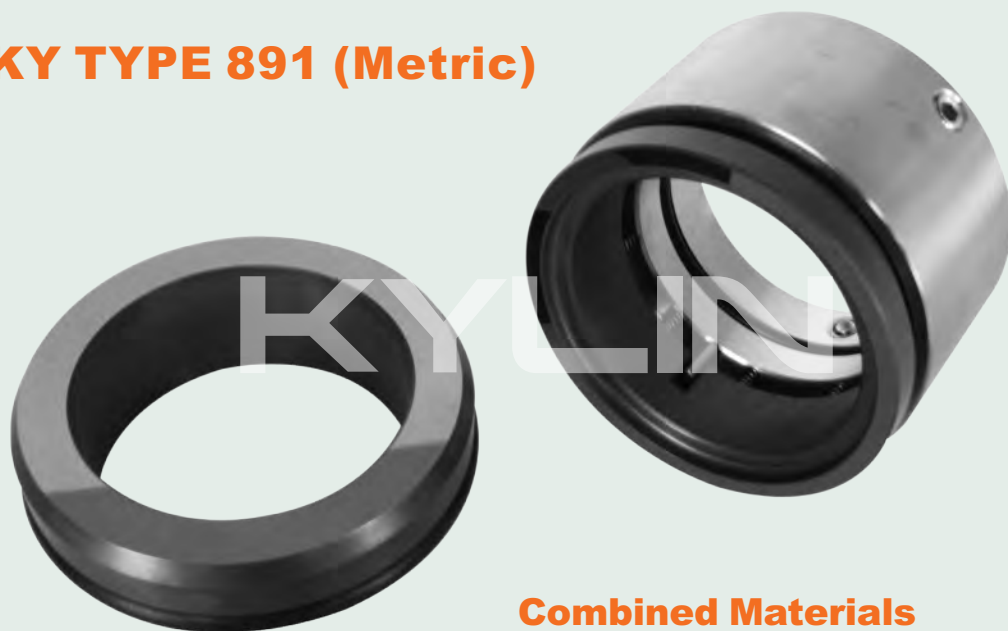
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▪ Fax: +86-574-89069223

▪ Email: sales@kyltd.com

KY TYPE 891 (Metric)



Compatibility:

- CHESTERTON 891

O Ring Mechanical Seals

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Part (Steel)

Working Conditions

- Mediums: Grain and high viscosity mediums, especially used in the sugar, pulp industry, and sewage disposal, etc.
- Temperature: $-20^{\circ}\text{C} \sim 180^{\circ}\text{C}$
- Pressure: $\leq 1.6\text{MPa}$ Speed: $\leq 15\text{m/Sec}$

Part#	d	D	L1
KY TYPE 891-18	18	32.28	35.2
KY TYPE 891-20	20	34.29	35.2
KY TYPE 891-22	22	36.3	35.2
KY TYPE 891-24	24	38.3	35.2
KY TYPE 891-25	25	39.29	35.2
KY TYPE 891-28	28	42.29	35.2
KY TYPE 891-30	30	44.3	35.2
KY TYPE 891-32	32	46.3	44.65
KY TYPE 891-33	33	47.9	44.65
KY TYPE 891-35	35	49.48	44.65
KY TYPE 891-38	38	54.28	44.65
KY TYPE 891-40	40	58.08	44.65
KY TYPE 891-43	43	59.08	44.65
KY TYPE 891-45	45	61.09	44.65
KY TYPE 891-48	48	64.11	44.65
KY TYPE 891-50	50	66.09	44.65
KY TYPE 891-55	55	71.07	44.65
KY TYPE 891-60	60	77.14	44.65
KY TYPE 891-65	65	83.01	44.65
KY TYPE 891-70	70	86.08	44.65
KY TYPE 891-75	75	98.43	51
KY TYPE 891-80	80	104.76	51
KY TYPE 891-85	85	107.95	51
KY TYPE 891-90	90	114.3	51
KY TYPE 891-95	95	117.48	51
KY TYPE 891-100	100	123.83	51

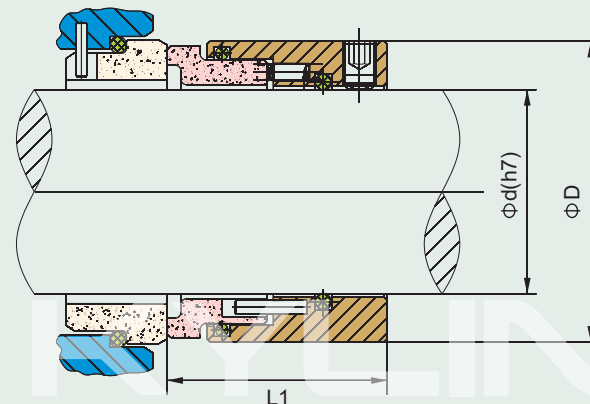
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▪ Email: sales@kyltd.com

KY TYPE 891 (Inch)



Compatibility:

- CHESTERTON 891

O Ring Mechanical Seals

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Part (Steel)

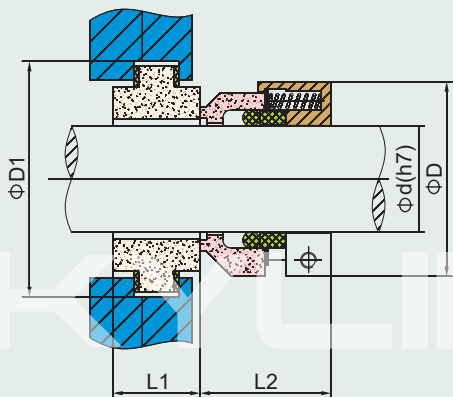
Working Conditions

- Mediums: Grain and high viscosity mediums, especially used in the sugar, pulp industry, and sewage disposal, etc.
- Temperature: -20°C~180°C
- Pressure: $\leq 1.6\text{MPa}$ Speed: $\leq 15\text{m/Sec}$

Part#	d	D	L1
KY591-1"	25.4	39.95	35.2
KY591-1 1/8"	28.58	43.13	35.2
KY591-1 1/4"	31.75	46.3	44.65
KY591-1 3/8"	34.93	49.48	44.65
KY591-1 1/2"	38.1	54.43	44.65
KY591-1 5/8"	41.28	57.61	44.65
KY591-1 3/4"	44.45	60.78	44.65
KY591-1 7/8"	47.63	63.96	44.65
KY591-2"	50.8	67.13	44.65
KY591-2 1/8"	53.98	70.31	44.65
KY591-2 1/4"	57.15	73.48	44.65
KY591-2 3/8"	60.33	76.66	44.65
KY591-2 1/2"	63.5	79.83	44.65
KY591-2 5/8"	66.68	83.01	44.65
KY591-2 3/4"	69.85	92.08	51
KY591-2 7/8"	73.03	95.25	51
KY591-3"	76.2	98.43	51
KY591-3 1/8"	79.38	101.6	51
KY591-3 1/4"	82.55	104.78	51
KY591-3 3/8"	85.73	107.95	51
KY591-3 1/2"	88.9	111.13	51
KY591-3 5/8"	92.08	114.3	51
KY591-3 3/4"	95.25	117.48	51
KY591-3 7/8"	98.43	120.65	51
KY591-4"	101.6	123.83	51
KY591-4 1/8"	104.78	127	51
KY591-4 1/4"	107.95	130.18	51
KY591-4 3/8"	111.13	133.35	51
KY591-4 1/2"	114.3	136.53	51



KY TYPE 46 (Metric, Inch)



Working Conditions

- Mediums: Water, oil, acid, alkali, etc.
- Temperature: -30°C~200°C
- Pressure: $\leq 1\text{MPa}$
- Speed: $\leq 10\text{m/Sec}$

Compatibility:

- LATTY B 16670

O Ring Mechanical Seals

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton/Teflon)
- Spring and Metal Part (Steel)

Part#	d	D	D1	L1	L2
KY TYPE 46-15/16"	23.83	50	54	17.6	38.2
KY TYPE 46-1"	25.4	52	54	17.6	38.2
KY TYPE 46-1 1/8"	28.58	55	65	27	38.2
KY TYPE 46-1 1/4"	31.75	60	68	27	38.2
KY TYPE 46-1 3/8"	34.93	62	71	27	38.2
KY TYPE 46-1 1/2"	38.1	65	78	27	38.2
KY TYPE 46-1 5/8"	41.28	68	81	27	38.2
KY TYPE 46-1 3/4"	44.45	72	84	27	38.2
KY TYPE 46-1 7/8"	47.63	75	87	27	42.2
KY TYPE 46-2"	50.8	78	97	33.3	42.2
KY TYPE 46-2 1/8"	53.98	80	100	33.3	42.2
KY TYPE 46-2 1/4"	57.15	83	103	33.3	42.2
KY TYPE 46-2 3/8"	60.33	86	106	33.3	42.2
KY TYPE 46-2 1/2"	63.5	90	110	33.3	42.2
KY TYPE 46-2 5/8"	66.68	98	113	33.3	42.2
KY TYPE 46-2 3/4"	69.85	98	116	33.3	42.2
KY TYPE 46-2 7/8"	73.03	105	117	33.3	42.2
KY TYPE 46-3"	76.2	105	121	33.3	42.2
KY TYPE 46-3 1/8"	79.38	109	129	33.3	42.2
KY TYPE 46-3 1/4"	82.55	109	132	33.3	42.2
KY TYPE 46-3 3/8"	85.73	114	135	33.3	42.2
KY TYPE 46-3 1/2"	88.9	120	138	33.3	42.2
KY TYPE 46-3 5/8"	92.08	120	141	33.3	42.2
KY TYPE 46-3 3/4"	95.25	125	144	33.3	42.2
KY TYPE 46-4"	101.6	130	151	33.3	42.2

Part#	d	D	D1	L1	L2
KY TYPE 46-18	18	44	48	17.6	38.2
KY TYPE 46-20	20	46	51	17.6	38.2
KY TYPE 46-22	22	48	51	17.6	38.2
KY TYPE 46-24	24	50	54	17.6	38.2
KY TYPE 46-25	25	52	54	17.6	38.2
KY TYPE 46-28	28	55	65	27	38.2
KY TYPE 46-30	30	58	68	27	38.2
KY TYPE 46-32	32	60	68	27	38.2
KY TYPE 46-33	33	60	71	27	38.2
KY TYPE 46-35	35	62	71	27	38.2
KY TYPE 46-38	38	65	78	27	38.2
KY TYPE 46-40	40	68	81	27	38.2
KY TYPE 46-43	43	70	84	27	38.2
KY TYPE 46-45	45	72	84	27	42.2
KY TYPE 46-48	48	75	97	33.3	42.2
KY TYPE 46-50	50	78	97	33.3	42.2
KY TYPE 46-53	53	80	100	33.3	42.2
KY TYPE 46-55	55	80	103	33.3	42.2
KY TYPE 46-58	58	83	106	33.3	42.2
KY TYPE 46-60	60	86	106	33.3	42.2
KY TYPE 46-63	63	90	110	33.3	42.2
KY TYPE 46-65	65	93	113	33.3	42.2
KY TYPE 46-68	68	98	116	33.3	42.2
KY TYPE 46-70	70	98	116	33.3	42.2
KY TYPE 46-75	75	105	121	33.3	42.2
KY TYPE 46-80	80	109	132	33.3	42.2
KY TYPE 46-85	85	114	138	33.3	42.2
KY TYPE 46-90	90	120	144	33.3	42.2
KY TYPE 46-95	95	125	144	33.3	42.2
KY TYPE 46-100	100	130	151	33.3	42.2

KY TYPE 59U
KY TYPE 58U



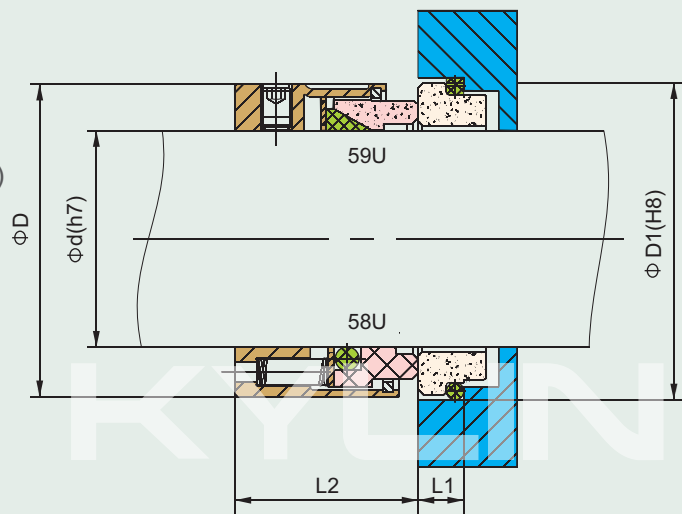
Compatibility:

- John Crane TYPE 59U / 58U

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton/Teflon)
- Spring and Metal Part (Steel)

PTFE Wedge
Mechanical
Seals



Working Conditions

- Mediums: Petroleum, chemical solvents, weak and medium acids, etc.
- Temperature: -40°C~200°C
- Pressure: $\leq 1\text{MPa}$
- Speed: $\leq 20\text{ m/Sec}$

Part#	d	D	D1	L1	L2
KY TYPE 59U / 58U-14	14	24	25	12	23.2
KY TYPE 59U / 58U-16	16	26	27	12	23.2
KY TYPE 59U / 58U-18	18	32	33	13.5	24.2
KY TYPE 59U / 58U-20	20	34	35	13.5	24.2
KY TYPE 59U / 58U-22	22	36	37	13.5	24.2
KY TYPE 59U / 58U-24	24	38	39	13.3	26.9
KY TYPE 59U / 58U-25	25	39	40	13	27.2
KY TYPE 59U / 58U-28	28	42	43	12.5	30.2
KY TYPE 59U / 58U-30	30	44	45	12	30.7
KY TYPE 59U / 58U-32	32	46	48	12	30.7
KY TYPE 59U / 58U-33	33	47	48	12	30.7
KY TYPE 59U / 58U-35	35	49	50	12	30.7
KY TYPE 59U / 58U-38	38	54	56	13	32.2
KY TYPE 59U / 58U-40	40	56	58	13	32.2
KY TYPE 59U / 58U-43	43	59	61	13	32.2
KY TYPE 59U / 58U-45	45	61	63	13	32.2
KY TYPE 59U / 58U-48	48	64	66	13	32.2
KY TYPE 59U / 58U-50	50	66	70	13.5	34.2
KY TYPE 59U / 58U-53	53	69	73	13.5	34.2
KY TYPE 59U / 58U-55	55	71	75	13.5	34.2
KY TYPE 59U / 58U-58	58	78	78	13.5	39.2
KY TYPE 59U / 58U-60	60	80	80	13.5	39.2
KY TYPE 59U / 58U-63	63	83	83	13.5	39.2
KY TYPE 59U / 58U-65	65	85	85	13.5	39.2
KY TYPE 59U / 58U-68	68	88	90	13.5	39.2
KY TYPE 59U / 58U-70	70	90	92	14.5	45.7
KY TYPE 59U / 58U-75	75	95	97	14.5	45.7
KY TYPE 59U / 58U-80	80	104	105	15	45.2
KY TYPE 59U / 58U-85	85	109	110	15	45.2
KY TYPE 59U / 58U-90	90	114	115	15	50.2
KY TYPE 59U / 58U-95	95	119	120	15	50.2
KY TYPE 59U / 58U-100	100	124	125	15	50.2



**KY TYPE 59B
/ KY TYPE 58B**



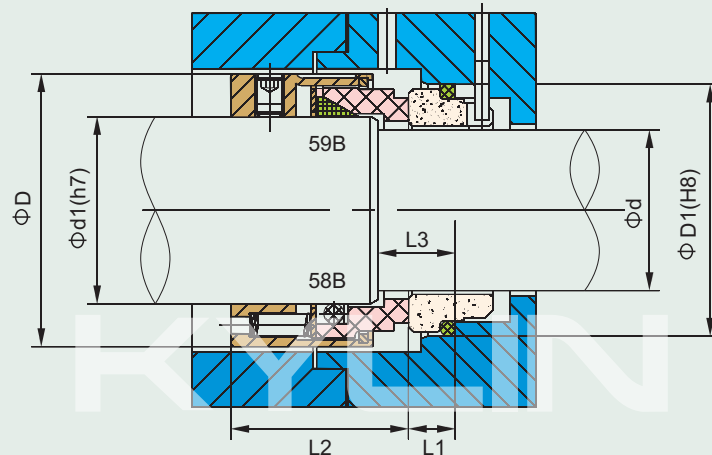
Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton/Teflon)
- Spring and Metal Part (Steel)

Compatibility:

- John Crane TYPE 59B / 58B

**PTFE Wedge
Mechanical
Seals**



Working Conditions

- Mediums: Petroleum, chemical solvents, weak and medium corrosion, etc.
- Temperature: -40°C~250°C
- Pressure: ≤2.5MPa Speed: ≤ 20 m/Sec

Part#	d	d1	D	D1	L1	L2	L3
KY TYPE 59B / 58B-14	14	18	32	25	12	30.7	18
KY TYPE 59B / 58B-16	16	20	34	27	12	30.7	18
KY TYPE 59B / 58B-18	18	22	36	33	13.5	31.7	20
KY TYPE 59B / 58B-20	20	24	38	35	13.5	31.7	20
KY TYPE 59B / 58B-22	22	26	40	37	13.5	31.7	20
KY TYPE 59B / 58B-24	24	28	42	39	13.5	34.4	20
KY TYPE 59B / 58B-25	25	30	44	40	13	34.7	20
KY TYPE 59B / 58B-28	28	33	47	43	12.5	37.7	20
KY TYPE 59B / 58B-30	30	35	49	45	12	38.2	20
KY TYPE 59B / 58B-32	32	38	54	48	12	38.2	20
KY TYPE 59B / 58B-33	33	38	54	48	12	38.2	20
KY TYPE 59B / 58B-35	35	40	56	50	12	38.2	20
KY TYPE 59B / 58B-38	38	43	59	56	13	39.7	23
KY TYPE 59B / 58B-40	40	45	61	58	13	39.7	23
KY TYPE 59B / 58B-43	43	48	64	61	13	39.7	23
KY TYPE 59B / 58B-45	45	50	66	63	13	39.7	23
KY TYPE 59B / 58B-48	48	53	69	66	13	39.7	23
KY TYPE 59B / 58B-50	50	55	71	70	13.5	44.2	25
KY TYPE 59B / 58B-53	53	58	78	73	13.5	44.2	25
KY TYPE 59B / 58B-55	55	60	80	75	13.5	44.2	25
KY TYPE 59B / 58B-58	58	63	83	78	13.5	49.2	25
KY TYPE 59B / 58B-60	60	65	85	80	13.5	49.2	25
KY TYPE 59B / 58B-63	63	68	88	83	13.5	49.2	25
KY TYPE 59B / 58B-65	65	70	90	85	13.5	49.2	25
KY TYPE 59B / 58B-70	70	75	95	92	14.5	55.7	28
KY TYPE 59B / 58B-75	75	80	104	97	14.5	55.7	28
KY TYPE 59B / 58B-80	80	85	109	105	15	55.2	28
KY TYPE 59B / 58B-85	85	90	114	110	15	60.2	28
KY TYPE 59B / 58B-90	90	95	119	115	15	60.2	28
KY TYPE 59B / 58B-95	95	100	124	120	15	60.2	28
KY TYPE 59B / 58B-100	100	105	129	125	15	60.2	28

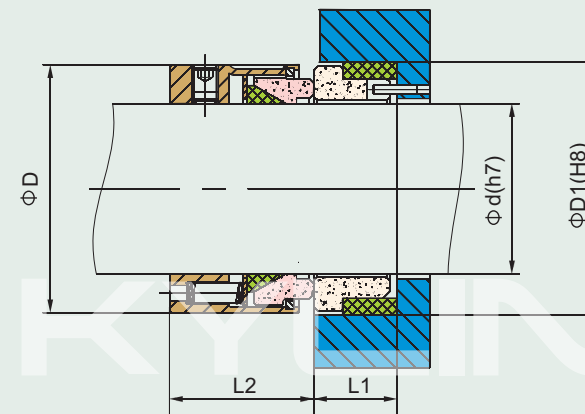
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KY TYPE 109 (Inch)



Working Conditions

- Mediums: Petroleum, chemical solvents, weak and medium acids, etc.
- Temperature: -40°C~200°C
- Pressure: ≤ 1MPa
- Speed: ≤ 20 m/Sec

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (Teflon)
- Spring and Metal Part (Steel)

Compatibility:

- John Crane TYPE 109

Part#	d	D	D1	L1	L2
KY TYPE 109-1/2"	12.7	26.7	25.4	7.9	20.8
KY TYPE 109-5/8"	15.88	30.7	31.75	10.3	19.2
KY TYPE 109-3/4"	19.05	34	34.93	10.3	22.4
KY TYPE 109-7/8"	22.23	37.2	38.1	10.3	24
KY TYPE 109-1"	25.4	40.3	41.28	11.1	25.6
KY TYPE 109-1 1/8"	28.58	43.5	44.45	11.1	27.2
KY TYPE 109-1 1/4"	31.75	48.3	47.63	11.1	27.2
KY TYPE 109-1 3/8"	34.93	51.5	50.8	11.1	28.8
KY TYPE 109-1 1/2"	38.1	54.6	53.98	11.1	28.8
KY TYPE 109-1 5/8"	41.28	61	60.33	12.7	35.2
KY TYPE 109-1 3/4"	44.45	64.2	63.5	12.7	35.2
KY TYPE 109-1 7/8"	47.63	67.3	66.68	12.7	35.2
KY TYPE 109-2"	50.8	70.5	69.85	12.7	35.2
KY TYPE 109-2 1/8"	53.98	76.9	76.2	14.3	43.2
KY TYPE 109-2 1/4"	57.15	80	79.38	14.3	43.2
KY TYPE 109-2 3/8"	60.33	83.2	82.55	14.3	43.2
KY TYPE 109-2 1/2"	63.5	86.4	85.73	14.3	43.2
KY TYPE 109-2 5/8"	66.68	89.6	85.73	15.9	43.2
KY TYPE 109-2 3/4"	69.85	92.7	88.9	15.9	43.2
KY TYPE 109-2 7/8"	73.03	95.9	95.25	15.9	43.2
KY TYPE 109-3"	76.2	97.5	98.43	15.9	43.2
KY TYPE 109-3 1/8"	79.38	100.7	101.6	19.8	43.2
KY TYPE 109-3 1/4"	82.55	105.4	104.78	19.8	43.2
KY TYPE 109-3 3/8"	85.73	108.6	107.95	19.8	43.2
KY TYPE 109-3 1/2"	88.9	111.8	111.13	19.8	43.2
KY TYPE 109-3 5/8"	92.08	115	114.3	19.8	43.2
KY TYPE 109-3 3/4"	95.25	118.1	117.48	19.8	43.2
KY TYPE 109-3 7/8"	98.43	121.3	120.65	19.8	43.2
KY TYPE 109-4"	101.6	124.5	123.83	19.8	43.2

PTFE Wedge Mechanical Seals



KY TYPE 109B

Working Conditions

- Mediums: Petroleum, chemical solvents, weak and medium acids, etc.
- Temperature: -40°C~250°C
- Pressure: $\leq 2.5\text{MPa}$
- Speed: $\leq 20\text{ m/Sec}$

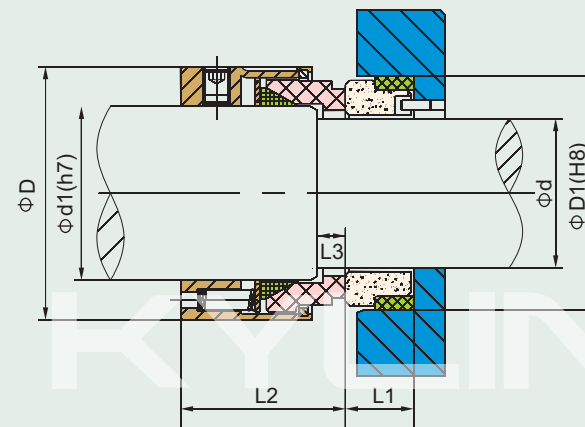
PTFE Wedge Mechanical Seals

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (Teflon)
- Spring and Metal Part (Steel)

Compatibility:

- John Crane TYPE 109B



Part#	d	d1	D	D1	L1	L2	L3
KY TYPE 109B-5/8"	12.7	15.88	30.7	25.4	7.9	27.2	4.8
KY TYPE 109B-3/4"	15.9	19.05	34	31.75	10.3	30.2	4.8
KY TYPE 109B-7/8"	19.1	22.23	37.2	34.93	10.3	32.2	6.4
KY TYPE 109B-1"	22.2	25.4	40.3	38.1	10.3	33.2	6.4
KY TYPE 109B-1 1/8"	25.4	28.58	43.5	41.28	11.1	35.2	7.9
KY TYPE 109B-1 1/4"	28.6	31.75	48.3	44.45	11.1	35.2	7.9
KY TYPE 109B-1 3/8"	28.6	34.93	51.5	44.45	11.1	37.2	8.7
KY TYPE 109B-1 1/2"	31.8	38.1	54.6	47.63	11.1	37.2	8.7
KY TYPE 109B-1 5/8"	34.9	41.28	61	50.8	11.1	45.2	8.7
KY TYPE 109B-1 3/4"	38.1	44.45	64.2	53.98	11.1	45.2	9.5
KY TYPE 109B-1 7/8"	41.3	47.63	67.3	60.33	12.7	45.2	9.5
KY TYPE 109B-2"	44.5	50.8	70.5	63.5	12.7	45.2	9.5
KY TYPE 109B-2 1/8"	47.6	53.98	76.9	66.68	12.7	52.2	11.1
KY TYPE 109B-2 1/4"	50.8	57.15	80	69.85	12.7	52.2	11.1
KY TYPE 109B-2 3/8"	54	60.33	83.2	76.2	14.3	52.2	11.1
KY TYPE 109B-2 1/2"	57.2	63.5	86.4	79.38	14.3	52.2	11.1
KY TYPE 109B-2 5/8"	60.3	66.68	89.6	82.55	14.3	52.2	11.1
KY TYPE 109B-2 3/4"	63.5	69.85	92.7	85.73	14.3	52.2	11.1
KY TYPE 109B-2 7/8"	66.7	73.03	95.9	85.73	15.9	52.2	11.1
KY TYPE 109B-3"	69.9	76.2	97.5	88.9	15.9	52.2	11.1
KY TYPE 109B-3 1/8"	73	79.38	100.7	95.25	15.9	52.2	11.1
KY TYPE 109B-3 1/4"	76.2	82.55	105.4	98.43	15.9	52.2	14.3
KY TYPE 109B-3 3/8"	79.4	85.73	108.6	101.6	19.8	52.2	14.3
KY TYPE 109B-3 1/2"	82.6	88.9	111.8	104.78	19.8	52.2	14.3
KY TYPE 109B-3 5/8"	85.7	92.08	115	107.95	19.8	52.2	14.3
KY TYPE 109B-3 3/4"	88.9	95.25	118.1	111.13	19.8	52.2	14.3
KY TYPE 109B-3 7/8"	92.1	98.43	121.3	114.3	19.8	52.2	14.3
KY TYPE 109B-4"	95.3	101.6	124.5	117.48	19.8	52.2	14.3

KY TYPE 606

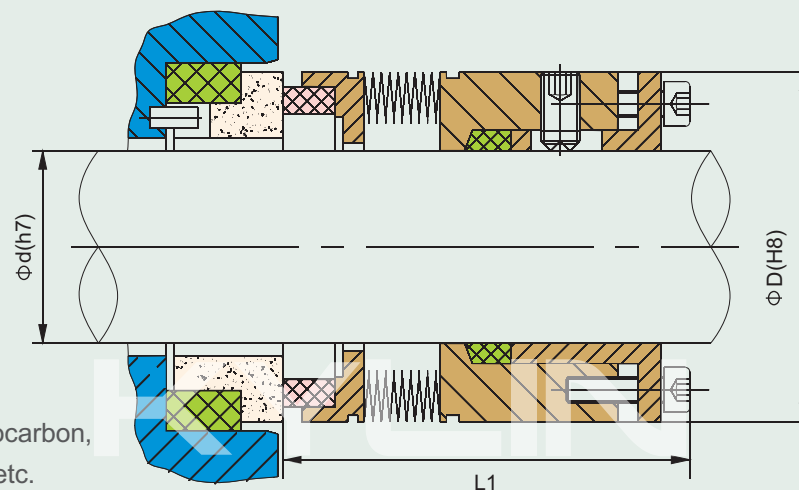
Combined Materials

- Stationary Ring (SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (Graphite)
- Bellow (AM350/Inconel 718)
- Metal Part (Stainless Steel 304, 316)

Compatibility:

- John Crane TYPE 606

Part#	d	D	L1
KY TYPE 606-16	19.05	41.28	58.92
KY TYPE 606-18	22.23	44.45	59.71
KY TYPE 606-20	25.4	47.63	59.71
KY TYPE 606-22	28.58	50.8	60.53
KY TYPE 606-24	31.75	53.98	60.53
KY TYPE 606-26	34.93	57.15	62.89
KY TYPE 606-28	38.1	60.33	63.7
KY TYPE 606-30	41.28	63.5	63.7
KY TYPE 606-32	44.45	66.68	64.49
KY TYPE 606-34	47.63	69.85	64.49
KY TYPE 606-36	50.8	73.03	65.27
KY TYPE 606-38	53.98	76.2	65.27
KY TYPE 606-40	57.15	82.55	70.05
KY TYPE 606-42	60.33	85.73	70.84
KY TYPE 606-44	63.5	88.9	70.84
KY TYPE 606-46	66.68	93.65	73.23
KY TYPE 606-48	69.85	96.82	76.4
KY TYPE 606-50	73.03	101.6	76.4
KY TYPE 606-52	76.2	104.78	76.4
KY TYPE 606-54	79.38	107.95	76.4
KY TYPE 606-56	82.55	111.13	76.4
KY TYPE 606-58	85.73	114.3	76.4
KY TYPE 606-60	88.9	117.48	76.4
KY TYPE 606-62	92.08	120.65	76.4
KY TYPE 606-64	95.25	123.83	76.4



Working Conditions

- Mediums: Oil, light hydrocarbon, aromatic hydrocarbon, organic solvents, weak acids, alkali, Ammonia, etc.
- Temperature: $-75^{\circ}\text{C}\sim 400^{\circ}\text{C}$
- Pressure: $\leq 2.0\text{MPa}(\text{Single}) \leq 6.0\text{MPa}(\text{Double})$
- Speed: $\leq 23\text{m/Sec}$

**Welded Metal
Bellow
Mechanical Seals**

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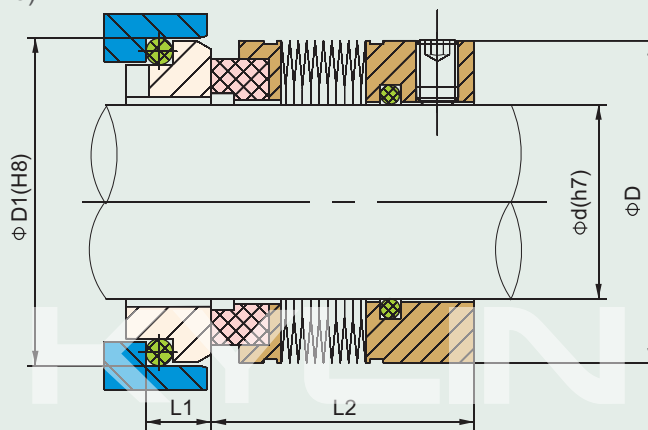
KY MFL85N

Combined Materials

- Stationary Ring (SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Bellow (AM350/Inconel 718)
- Metal Part (Stainless Steel 304, 316)

Compatibility:

- Burgmann MFL85N



Working Conditions

- Mediums: Oil, light hydrocarbon, aromatic hydrocarbon, organic solvents, weak acids, alkali, Ammonia, etc.
- Temperature: -20°C~200°C
- Pressure: ≤ 2.0 MPa
- Speed: ≤ 23 m/Sec

Part#	d	D	D1	L1	L2
KY MFL85N-18	18	32	33	7	30.7
KY MFL85N-20	20	33.5	35	7	30.7
KY MFL85N-22	22	36.5	37	7	30.7
KY MFL85N-24	24	39	39	11.5	28.7
KY MFL85N-25	25	39.6	40	11.5	28.7
KY MFL85N-28	28	42.8	43	11.5	31.2
KY MFL85N-30	30	45	45	11.5	31.2
KY MFL85N-32	32	46	48	11.5	31.2
KY MFL85N-33	33	48	48	11.5	31.2
KY MFL85N-35	35	49.2	50	11.5	31.2
KY MFL85N-38	38	52.3	56	14	31.2
KY MFL85N-40	40	55.5	58	14	31.2
KY MFL85N-43	43	57.5	61	14	31.2
KY MFL85N-45	45	58.7	63	14	31.2
KY MFL85N-48	48	61.9	66	14	31.2
KY MFL85N-50	50	65	70	15	32.7
KY MFL85N-53	53	68.2	73	15	32.7
KY MFL85N-55	55	70	75	15	32.7
KY MFL85N-58	58	71.7	78	15	37.7
KY MFL85N-60	60	74.6	80	15	37.7
KY MFL85N-63	63	79	83	15	37.7
KY MFL85N-65	65	84.1	85	15	37.7
KY MFL85N-68	68	87.3	90	18	34.7
KY MFL85N-70	70	87.3	92	18	42.2
KY MFL85N-75	75	95	97	18	42.2
KY MFL85N-80	80	98.4	105	18.2	42
KY MFL85N-85	85	104.7	110	18.2	42
KY MFL85N-90	90	111	115	18.2	47
KY MFL85N-95	95	114	120	17.2	48
KY MFL85N-100	100	117.4	125	17.2	48

**Welded Metal
Bellow
Mechanical Seals**

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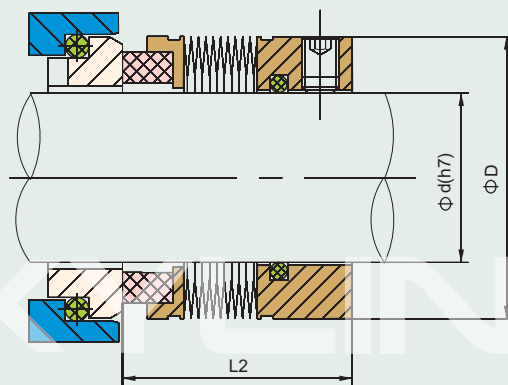
KY TYPE 670
KY TYPE 680 (Metric)

Combined Materials

- Stationary Ring (SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Bellow (Hastelloy-C/Alloy 20/AM350)
- Metal Part (Hastelloy-C/Stainless Steel 304, 316)

Compatibility:

- John Crane TYPE 670
- John Crane TYPE 680



Working Conditions

- Mediums: Oil, light hydrocarbon, aromatic hydrocarbon, organic solvents, weak acids, alkali, Ammonia, etc.
- Temperature: $-75^{\circ}\text{C}\sim 200^{\circ}\text{C}$
- Pressure: $\leq 2.0\text{MPa}$
- Speed: $\leq 23\text{m/Sec}$

Part#	d	D	L2
KY TYPE 670-18 / KY TYPE 680-18	18	32	27.7
KY TYPE 670-20 / KY TYPE 680-20	20	33.3	27.7
KY TYPE 670-22 / KY TYPE 680-22	22	36	27.7
KY TYPE 670-24 / KY TYPE 680-24	24	38.1	30.2
KY TYPE 670-25 / KY TYPE 680-25	25	39	30.2
KY TYPE 670-28 / KY TYPE 680-28	28	42	32.7
KY TYPE 670-30 / KY TYPE 680-30	30	44	32.7
KY TYPE 670-32 / KY TYPE 680-32	32	46	32.7
KY TYPE 670-33 / KY TYPE 680-33	33	47	32.7
KY TYPE 670-35 / KY TYPE 680-35	35	49.2	32.7
KY TYPE 670-38 / KY TYPE 680-38	38	52.4	34.2
KY TYPE 670-40 / KY TYPE 680-40	40	55.6	34.2
KY TYPE 670-43 / KY TYPE 680-43	43	58.7	34.2
KY TYPE 670-45 / KY TYPE 680-45	45	58.7	34.2
KY TYPE 670-48 / KY TYPE 680-48	48	61.9	34.2
KY TYPE 670-50 / KY TYPE 680-50	50	65.1	34.7
KY TYPE 670-53 / KY TYPE 680-53	53	68.3	34.7
KY TYPE 670-55 / KY TYPE 680-55	55	71	34.7
KY TYPE 670-60 / KY TYPE 680-60	60	74.6	39.7
KY TYPE 670-65 / KY TYPE 680-65	65	84.1	39.7
KY TYPE 670-70 / KY TYPE 680-70	70	87.3	45.2
KY TYPE 670-75 / KY TYPE 680-75	75	95.3	45.2
KY TYPE 670-80 / KY TYPE 680-80	80	98.4	44.7
KY TYPE 670-85 / KY TYPE 680-85	85	104.8	44.7
KY TYPE 670-90 / KY TYPE 680-90	90	108	49.7
KY TYPE 670-95 / KY TYPE 680-95	95	114.3	49.7
KY TYPE 670-100	100	120.7	49.7
KY TYPE 670-105	105	131.7	48.5
KY TYPE 670-110	110	138.1	48.5
KY TYPE 670-115	115	144.5	48.5
KY TYPE 670-120	120	144.5	48.5
KY TYPE 670-125	125	150.8	48.5
KY TYPE 670-130	130	157.8	48.5
KY TYPE 670-140	140	170.5	48.5
KY TYPE 670-150	150	176.9	48.5

**Welded Metal
Bellow
Mechanical Seals**

KY TYPE 670 / KY TYPE 680 (Inch)



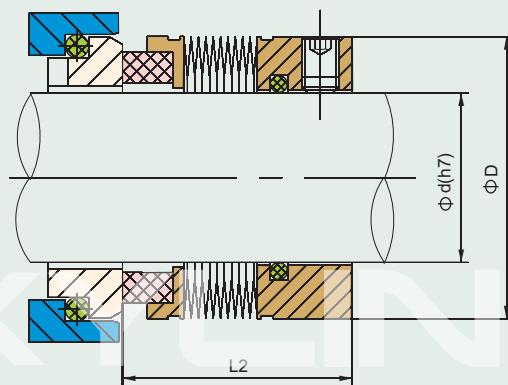
Working Conditions

- Mediums: Oil, light hydrocarbon, aromatic hydrocarbon, organic solvents, weak acids, alkali, Ammonia, etc.
- Temperature: -75°C~200°C
- Pressure: $\leq 2.0\text{MPa}$
- Speed: $\leq 23\text{m/Sec}$

Combined Materials

- Stationary Ring (SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Bellow (Hastelloy-C/Alloy 20/AM350)
- Metal Part (Hastelloy-C/Stainless Steel 304, 316)

Welded Metal Bellow Mechanical Seals



Compatibility:

- John Crane TYPE 670, John Crane TYPE 680

Part#	d	D	L2
KY TYPE 670-12 / KY TYPE 680-12 (Inch)	19.05	33.32	31.75
KY TYPE 670-14 / KY TYPE 680-14 (Inch)	22.23	36.5	31.75
KY TYPE 670-15 / KY TYPE 680-15 (Inch)	23.8	38.1	31.75
KY TYPE 670-16 / KY TYPE 680-16 (Inch)	25.4	39.67	31.75
KY TYPE 670-18 / KY TYPE 680-18 (Inch)	28.58	42.85	31.75
KY TYPE 670-20 / KY TYPE 680-20 (Inch)	31.75	46.02	33.32
KY TYPE 670-22 / KY TYPE 680-22 (Inch)	34.93	49.2	36.5
KY TYPE 670-24 / KY TYPE 680-24 (Inch)	38.1	52.37	36.5
KY TYPE 670-26 / KY TYPE 680-26 (Inch)	41.28	55.55	36.5
KY TYPE 670-28 / KY TYPE 680-28 (Inch)	44.45	58.72	36.5
KY TYPE 670-30 / KY TYPE 680-30 (Inch)	47.63	61.9	38.1
KY TYPE 670-32 / KY TYPE 680-32 (Inch)	50.8	65.07	38.1
KY TYPE 670-34 / KY TYPE 680-34 (Inch)	53.98	68.25	38.1
KY TYPE 670-36 / KY TYPE 680-36 (Inch)	57.15	71.42	39.67
KY TYPE 670-38 / KY TYPE 680-38 (Inch)	60.33	74.6	39.67
KY TYPE 670-40 / KY TYPE 680-40 (Inch)	63.5	80.95	39.67
KY TYPE 670-42 / KY TYPE 680-42 (Inch)	66.68	84.12	41.28
KY TYPE 670-44 / KY TYPE 680-44 (Inch)	69.85	87.3	41.28
KY TYPE 670-46 / KY TYPE 680-46 (Inch)	73.03	92.08	42.85
KY TYPE 670-48 / KY TYPE 680-48 (Inch)	76.2	95.25	42.85
KY TYPE 670-50 / KY TYPE 680-50 (Inch)	79.38	98.43	44.45
KY TYPE 670-52 / KY TYPE 680-52 (Inch)	82.55	101.6	44.45
KY TYPE 670-54 / KY TYPE 680-54 (Inch)	85.73	140.78	44.45
KY TYPE 670-56 / KY TYPE 680-56 (Inch)	88.9	107.95	47.63
KY TYPE 670-58 / KY TYPE 680-58 (Inch)	92.08	111.13	47.63
KY TYPE 670-60 / KY TYPE 680-60 (Inch)	95.25	114.3	47.63
KY TYPE 670-62 / KY TYPE 680-62 (Inch)	98.43	117.48	47.63
KY TYPE 670-64 / KY TYPE 680-64 (Inch)	101.6	120.65	47.63
KY TYPE 670-68 (Inch)	107.95	131.75	48.34
KY TYPE 670-72 (Inch)	114.3	138.13	48.34
KY TYPE 670-76 (Inch)	120.65	144.48	48.34
KY TYPE 670-80 (Inch)	127	150.83	48.34
KY TYPE 670-84 (Inch)	133.35	157.81	48.34
KY TYPE 670-88 (Inch)	139.7	164.16	48.34
KY TYPE 670-92 (Inch)	146.05	170.54	48.34
KY TYPE 670-96 (Inch)	152.4	176.89	48.34
KY TYPE 670-104 (Inch)	165.1	189.74	48.34
KY TYPE 670-112 (Inch)	177.8	202.46	48.34

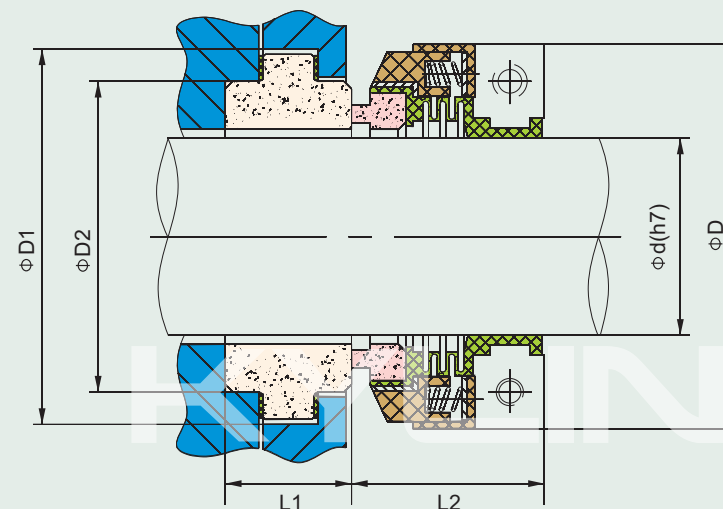
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KY TYPE 10R / KY TYPE 10T



Compatibility:

- John Crane TYPE 10R / TYPE 10T

Part#	d	D	D1	D2	L1	L2
KY TYPE 10R / 10T-1"	25.4	60	54	42.86	17.6	33.2
KY TYPE 10R / 10T-1 1/8"	28.6	67	65	50.8	27	36.2
KY TYPE 10R / 10T-1 1/4"	31.75	69	68	53.98	27	37.2
KY TYPE 10R / 10T-1 3/8"	34.93	72	71	57.15	27	38.2
KY TYPE 10R / 10T-1 1/2"	38.1	76	78	63.5	27	38.2
KY TYPE 10R / 10T-1 5/8"	41.28	80	81	66.68	27	40.2
KY TYPE 10R / 10T-1 3/4"	44.45	84	84	69.85	27	40.2
KY TYPE 10R / 10T-1 7/8"	47.63	86	87	73.03	27	43.2
KY TYPE 10R / 10T-2"	50.8	90	97	79.38	33.3	43.2

Teflon Bellow Mechanical Seals

Combined Materials

- Stationary Ring (Ceramic/SiC)
- Rotary Ring (Teflon/SiC)
- Secondary Seal (Teflon)
- Spring and Metal Part (Steel)

Working Conditions

- Mediums: Sulfuric acid, hydrochloric acid, phosphoric acid, acetic acid, and nitric acid with various degrees, etc.
- Temperature: $\leq 120^{\circ}\text{C}$
- Pressure: $\leq 0.5\text{MPa}$ Speed: $\leq 10\text{ m/Sec}$

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KY TYPE WB2

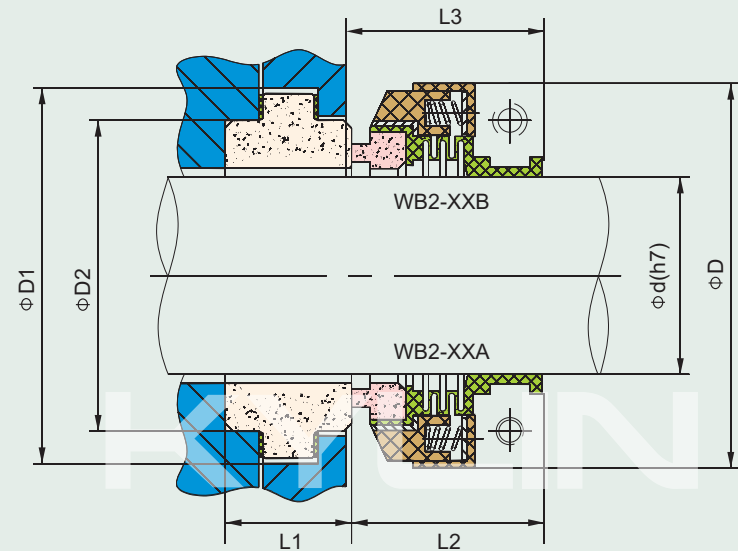
Combined Materials

- Stationary Ring (Ceramic/SiC)
- Rotary Ring (Teflon/SiC)
- Secondary Seal (Teflon)
- Spring and Metal Part (Steel)

**Teflon Bellow
Mechanical
Seals**

Working Conditions

- Mediums: Sulfuric acid, hydrochloric acid, phosphoric acid, acetic acid, and nitric acid with various degrees, etc.
- Temperature: $\leq 120^{\circ}\text{C}$
- Pressure: $\leq 0.5\text{MPa}$ Speed: $\leq 10\text{ m/Sec}$



Part#	d	D	D1	D2	L1	L2	L3
KY TYPE WB2-1"	25.4	60	54	42.86	17.5	42	45
KY TYPE WB2-1 1/8"	28.6	67	60	46.03	27	42	45
KY TYPE WB2-1 1/4"	31.75	69	65	50.8	27	42	45
KY TYPE WB2-1 3/8"	34.93	72	68	53.98	27	42	45
KY TYPE WB2-1 1/2"	38.1	76	71	57.15	27	42	45
KY TYPE WB2-1 5/8"	41.28	80	78	63.5	27	42	45
KY TYPE WB2-1 3/4"	44.45	84	81	66.68	27	44	46
KY TYPE WB2-1 7/8"	47.63	86	84	69.85	27	44	46
KY TYPE WB2-2"	50.8	90	87	73.03	27	46	46
KY TYPE WB2-2 1/8"	53.98	95	97	79.38	33.5	46	46
KY TYPE WB2-2 1/4"	57.15	98	100	82.55	33.5	46	46
KY TYPE WB2-2 3/8"	60.3	100	103	85.73	33.5	46	46

Part#	d	D	D1	D2	L1	L2	L3
KY TYPE WB2-25	25	60	60	47	27	42	45
KY TYPE WB2-30	30	67	67	53	27	42	45
KY TYPE WB2-32	32	69	64	50.7	27	42	45
KY TYPE WB2-35	35	72	70	57	27	42	45
KY TYPE WB2-40	40	78	76	62	26	42	45
KY TYPE WB2-45	45	84	82	67	27	44	46
KY TYPE WB2-50	50	88	86	72	27	46	46
KY TYPE WB2-55	55	95	90	77	27	46	46
KY TYPE WB2-60	60	100	95	82	27	46	46
KY TYPE WB2-65	65	105	100	87	27	46	46

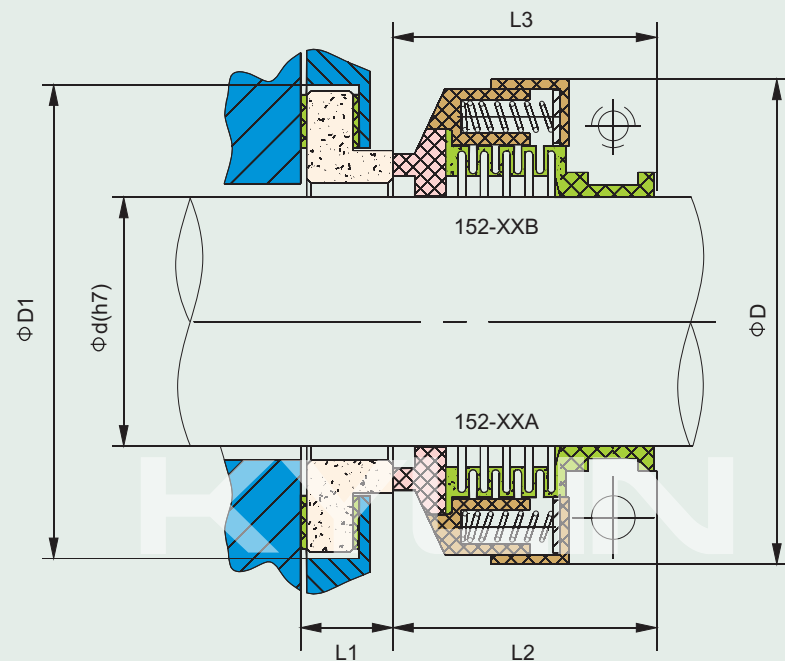
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KY TYPE 152



Part#	d	D	D1	L1	L2	L3
KY TYPE 152-25	25	60	48	13	42	45
KY TYPE 152-30	30	67	53	13	42	45
KY TYPE 152-35	35	72	58	13	42	45
KY TYPE 152-40	40	78	63	13	42	45
KY TYPE 152-45	45	84	68	16	44	46
KY TYPE 152-50	50	88	73	16	46	46
KY TYPE 152-55	55	95	78	16	46	46
KY TYPE 152-60	60	100	83	17	46	46
KY TYPE 152-65	65	105	88	17	46	46

Teflon Bellow Mechanical Seals

Combined Materials

- Stationary Ring (Ceramic/SiC)
- Rotary Ring (Teflon/SiC)
- Secondary Seal (Teflon)
- Spring and Metal Part (Steel)

Working Conditions

- Mediums: Sulfuric acid, hydrochloric acid, phosphoric acid, acetic acid, and nitric acid with various degrees, etc.
- Temperature: $\leq 120^{\circ}\text{C}$
- Pressure: $\leq 0.5\text{MPa}$ Speed: $\leq 10\text{ m/Sec}$

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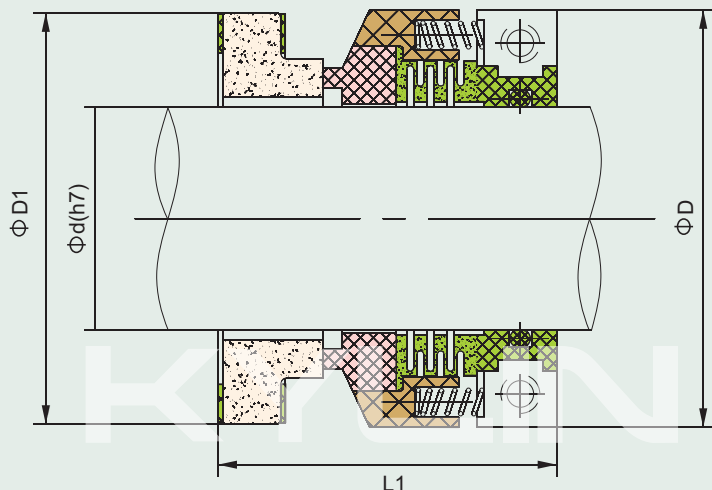
KY TYPE 212



Combined Materials

- Stationary Ring (Ceramic/SiC)
- Rotary Ring (Teflon/SiC)
- Secondary Seal (Viton/Teflon)
- Spring and Metal Part (Steel)

Teflon Bellow Mechanical Seals



Working Conditions

- Mediums: Various gases without any grains.
- Temperature: $\leq 120^{\circ}\text{C}$
- Pressure: $\leq 0.6\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Standard 69

Part#	d	D	D1	L1
KY TYPE 212-42	42	90	80	74
KY TYPE 212-50	50	100	101	74
KY TYPE 212-60	60	110	111	74
KY TYPE 212-70	70	120	121	74
KY TYPE 212-76	76	130	131	74
KY TYPE 212-80	80	130	131	74
KY TYPE 212-89	89	140	141	74
KY TYPE 212-95	95	150	151	74

Standard 79

Part#	d	D	D1	L1
KY TYPE 212-40	40	90	88	74
KY TYPE 212-50	50	100	101	74
KY TYPE 212-65	65	115	116	74
KY TYPE 212-80	80	130	131	74
KY TYPE 212-95	95	150	151	74
KY TYPE 212-102	102	150	156	74

Standard HG2098-91

Part#	d	D	D1	L1
KY TYPE 212-40	40	87	87	74
KY TYPE 212-50	50	98	100	74
KY TYPE 212-60	60	110	105	74
KY TYPE 212-65	65	115	115	74
KY TYPE 212-70	70	120	115	74
KY TYPE 212-75	75	130	130	74
KY TYPE 212-80	80	130	130	74
KY TYPE 212-90	90	140	140	74
KY TYPE 212-95	95	145	150	74
KY TYPE 212-100	100	150	150	74
KY TYPE 212-110	110	162	165	74
KY TYPE 212-120	120	172	175	74
KY TYPE 212-130	130	182	177	74
KY TYPE 212-140	140	192	195	74
KY TYPE 212-150	150	202	205	74

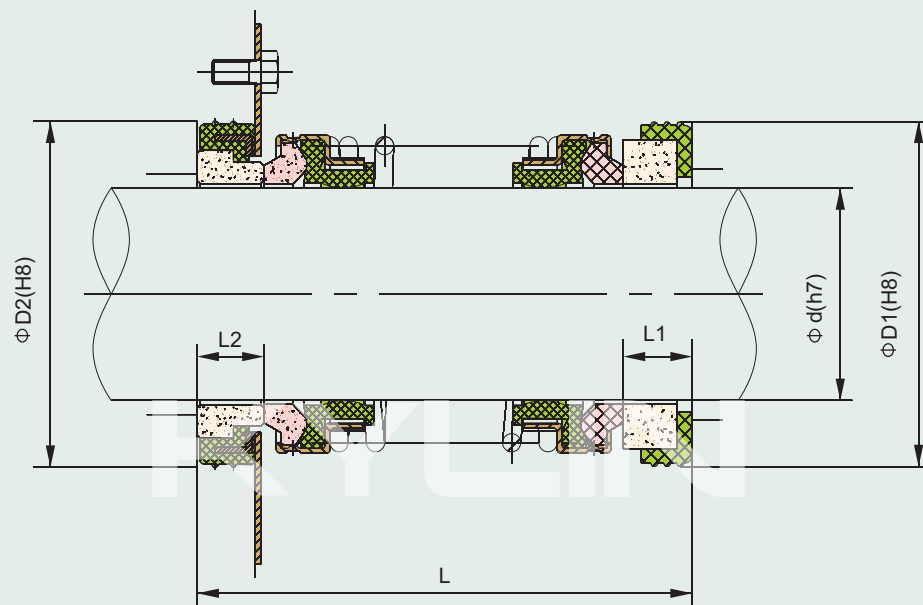
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KY ED560



Compatibility:

- EagleBurgmann ED560

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

- Pumps: Submersible pumps, sewage pumps.
Applied to the muddy water, sewage water or weakly corrosive fluids with solid grains.
- Temperature: $-20^{\circ}\text{C}\sim 100^{\circ}\text{C}$
- Pressure: $\leq 0.5\text{MPa}$ Speed: $\leq 8\text{ m/Sec}$

Part#	d	D1	D2	L	L1	L2
KY ED560-12	12	25	25	36	5	5
KY ED560-13	13	25	25	36	5	5
KY ED560-14	14	30	30	36	5	5
KY ED560-15	15	30	30	36	5	5
KY ED560-16	16	30	30	36	5	5
KY ED560-18	18	35	38	49	7	7
KY ED560-19	19	35	38	49	7	7
KY ED560-20	20	38	44	49	7	7
KY ED560-25	25	44	50	51	7	7
KY ED560-30	30	50	57	59	9	8
KY ED560-35	35	58	64	61	9	9
KY ED560-40	40	64	70	64.5	11	9
KY ED560-45	45	66	70	65	10	9
KY ED560-50	50	72	80	69.5	10	9

Double Mechanical Seals

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KY M74-D

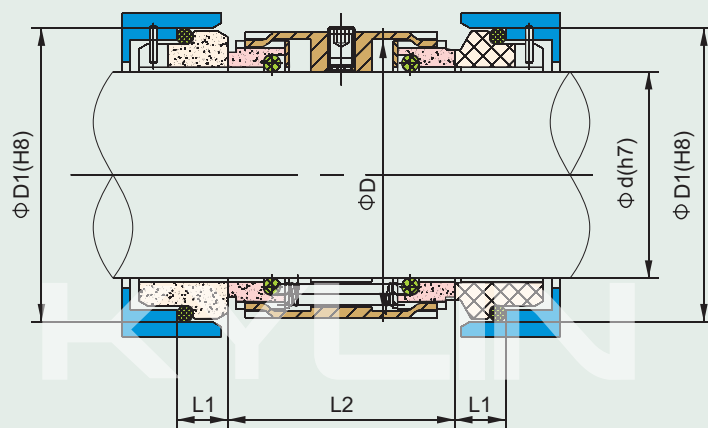
Compatibility:

- Burgmann M74-D



Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Metal Part (Steel)



Working Conditions

- Mediums: Muddy water, sewage water and weakly corrosive fluids with solid grains.
- Temperature: -20°C~180°C
- Pressure: ≤ 1MPa
- Speed: ≤ 10 m/Sec

Part#	d	D	D1	L1	L2
KY M74-D-18	18	33	33	11.5	38
KY M74-D-20	20	35	35	11.5	38
KY M74-D-22	22	37	37	11.5	38
KY M74-D-24	24	39	39	11.5	38
KY M74-D-25	25	40	40	11.5	38
KY M74-D-28	28	43	43	11.5	39
KY M74-D-30	30	45	45	11.5	39
KY M74-D-32	32	47	48	11.5	39
KY M74-D-33	33	48	48	11.5	39
KY M74-D-35	35	50	50	11.5	39
KY M74-D-38	38	55	56	14	41
KY M74-D-40	40	57	58	14	42
KY M74-D-43	43	60	61	14	42
KY M74-D-45	45	62	63	14	42
KY M74-D-48	48	65	66	14	42
KY M74-D-50	50	67	70	15	43
KY M74-D-53	53	70	73	15	43
KY M74-D-55	55	72	75	15	43
KY M74-D-58	58	79	78	15	56
KY M74-D-60	60	81	80	15	56
KY M74-D-63	63	84	83	15	55
KY M74-D-65	65	86	85	15	55
KY M74-D-68	68	89	90	18	55
KY M74-D-70	70	91	92	18	56
KY M74-D-75	75	99	97	18	56
KY M74-D-80	80	104	105	18.2	56
KY M74-D-85	85	109	110	18.2	56
KY M74-D-90	90	114	115	18.2	56
KY M74-D-95	95	119	120	17.2	56
KY M74-D-100	100	124	125	17.2	56

**Double
Mechanical
Seals**



KY UU4701

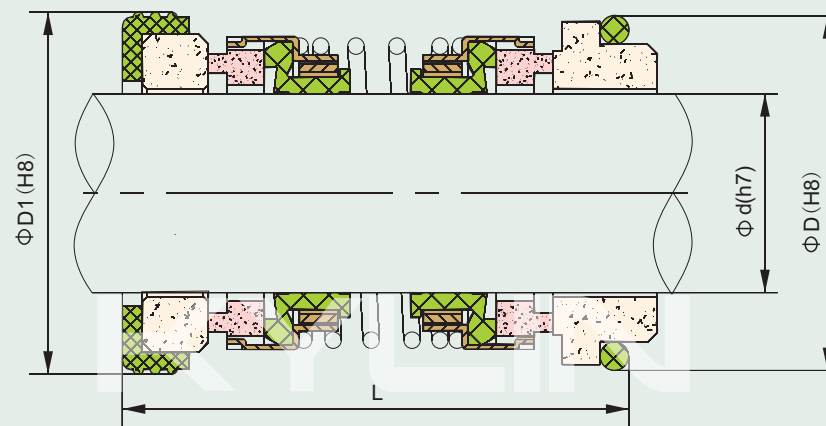
Part#	d	D	D1	L1
KY UU4701-16	16	27	27	36
KY UU4701-18	18	33	33	36
KY UU4701-20	20	35	35	49
KY UU4701-22	22	37	37	49
KY UU4701-24	24	39	39	49
KY UU4701-25	25	40	40	51
KY UU4701-28	28	43	43	51
KY UU4701-30	30	45	45	59
KY UU4701-32	32	48	48	61
KY UU4701-33	33	48	48	61
KY UU4701-35	35	50	50	61
KY UU4701-38	38	56	56	61
KY UU4701-40	40	58	58	64.5
KY UU4701-43	43	61	61	65
KY UU4701-45	45	63	63	65
KY UU4701-48	48	66	66	65
KY UU4701-50	50	70	70	69.5
KY UU4701-53	53	73	73	69.5
KY UU4701-55	55	75	75	71

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

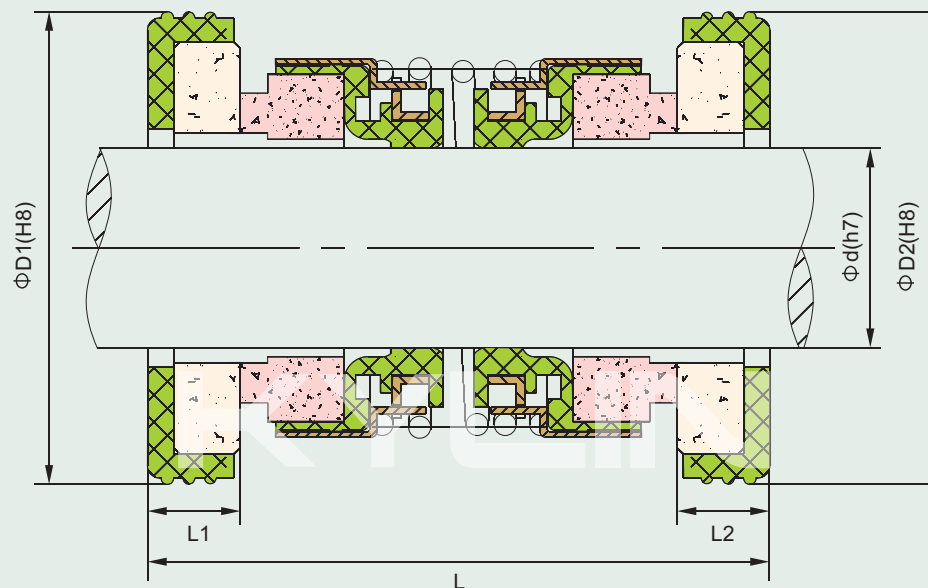
- Pumps: Submersible pumps, sewage pumps.
Applied to the muddy water, sewage water or weakly corrosive fluids with soil grains.
- Temperature: -20°C~100°C
- Pressure: $\leq 0.5\text{MPa}$
- Speed: $\leq 8\text{ m/Sec}$



**Double
Mechanical
Seals**



KY TYPE 208



Part#	d	D1	D2	L	L1	L2
KY TYPE 208-10	10	21	21	30	5	5
KY TYPE 208-12	12	26	26	30	5	5
KY TYPE 208-14	14	26	26	38	5	5
KY TYPE 208-16	16	27	27	38	5	5
KY TYPE 208-18	18	33	33	38	5	5
KY TYPE 208-20	20	35	35	40	5	5
KY TYPE 208-25	25	40	40	48	7	7
KY TYPE 208-30	30	45	45	51	7	7
KY TYPE 208-35	35	50	50	51	8	8

Double Mechanical Seals

Combined Materials

- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts(Steel)

Working Conditions

- Pumps: Submersible pumps, sewage pumps, etc.
- Temperature: -20°C~100°C
- Pressure: $\leq 0.35\text{MPa}$
- Speed: $\leq 6\text{ m/Sec}$

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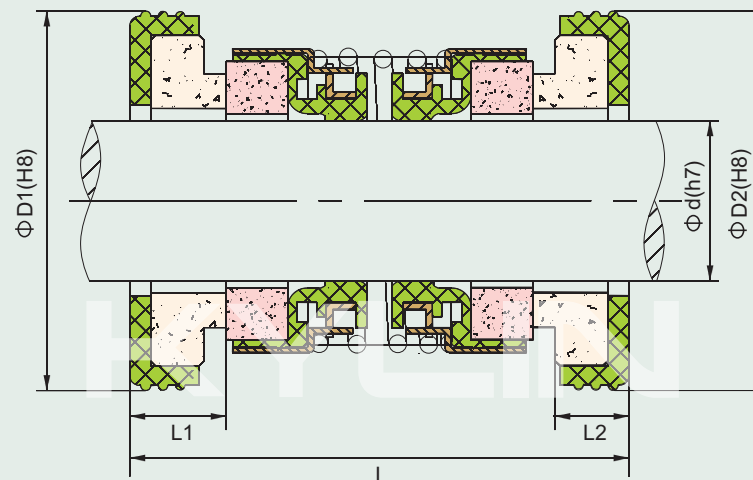
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KY TYPE 202



Part#	d	D1	D2	L	L1	L2
KY TYPE 202-14	14	26	26	38	7	7
KY TYPE 202-14A	14	28	28	38	7	7
KY TYPE 202-14B	14	30	30	38	7	7
KY TYPE 202-15	15	28	28	38	7	7
KY TYPE 202-15A	15	30	30	38	7	7
KY TYPE 202-16	16	28	28	38	7	7
KY TYPE 202-16A	16	30	30	38	7	7
KY TYPE 202-18	18	34	34	38	7	7
KY TYPE 202-20	20	36	36	40	7	7
KY TYPE 202-25	25	41	41	51	9	9
KY TYPE 202-30	30	46	46	51	9	9

Double Mechanical Seals

Combined Materials

- Stationary Ring (Carbon/SiC/TC)
- Rotary Ring (Ceramic/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

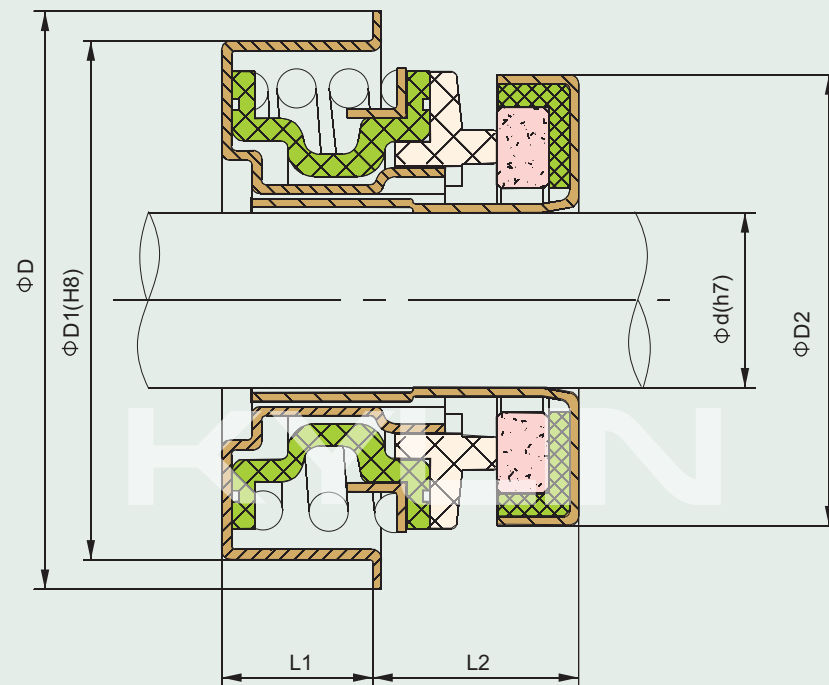
- Pumps: Submersible pumps, sewage pumps, etc.
- Temperature: -20°C~100°C
- Pressure: ≤0.35MPa
- Speed: ≤ 6 m/Sec

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Combined Materials

- Stationary Ring(Carbon/SiC)
- Rotary Ring (Ceramic/SiC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

KY TYPE FB

Compatibility:

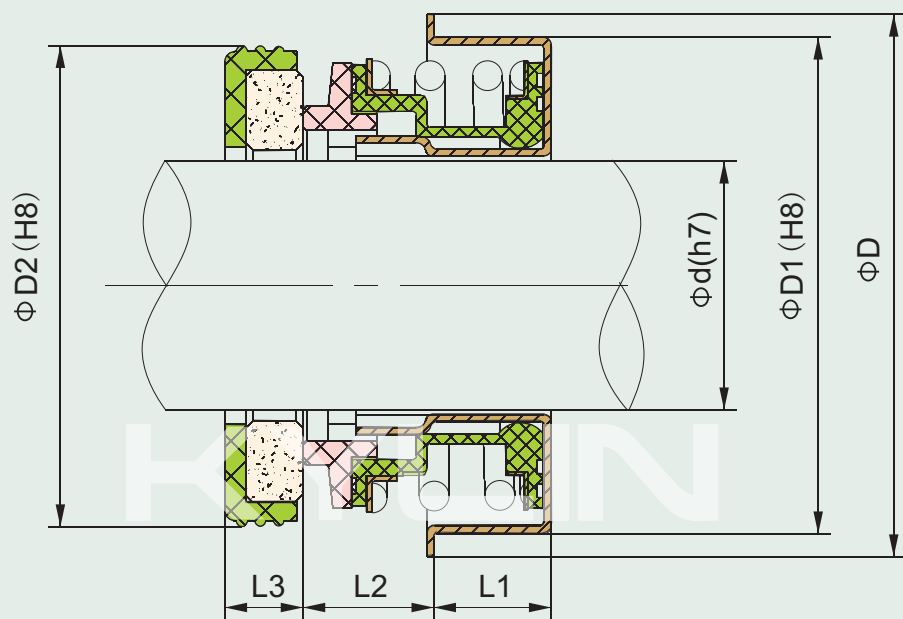
- Trisun TSFB

Working Conditions

- Mediums: Water, oil, and weakly-corrosive mediums, etc.
- Temperature: -20°C~100°C
- Pressure: $\leq 0.3\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Automotive Pump Seals

Part#	d	D	D1	D2	L1	L2
KY TYPE FB-12	12	35	30	25	8	9.7
KY TYPE FB-12A	12	38.5	33.4	25	6.7	11
KY TYPE FB-12B	12	32	28.55	25	8	9.7
KY TYPE FB-13	13	35	30	25	8	9.7
KY TYPE FB-15	15	41.5	36.45	30	8	11.2
KY TYPE FB-5/8"	15.875	41.5	34.2	30	5.6	12.25
KY TYPE FB-5/8" A	15.875	41.5	36.45	30	8	11.2
KY TYPE FB-5/8" B	15.875	41.5	38.1	30	8	11.2
KY TYPE FB-16	16	41.5	36.45	32.5	8	11.2
KY TYPE FB-16A	16	41.5	38.1	32.5	8	11.2
KY TYPE FB-20	20	43.8	38	37	9.5	12.5
KY TYPE FB-20A	20	43.8	40	37	9.5	12.5



Combined Materials

- Stationary Ring(Carbon/SiC)
- Rotary Ring (Ceramic/SiC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

- Mediums: Water, oil, and weakly-corrosive mediums, etc.
- Temperature: -20°C~100°C
- Pressure: $\leq 0.3\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

KY BT-A2

Compatibility:

- Burgmann BT-A2, John Crane TYPE 6A, VULCAN TYPE 75, Pac-Seal TYPE 68, Trisun TSF



Part#	d	D	D1	D2	L1	L2	L3
KY BT-A2-10	10	29	24	23	7	6	4
KY BT-A2-12	12	32	28.55	25	8	5.2	5
KY BT-A2-12A	12	35	30	24	8	5	5
KY BT-A2-12B	12	38.5	33.4	25	6	7	5
KY BT-A2-16	16	41.5	36.45	31	8	6.8	5
KY BT-A2-16	16	41.5	38.1	31	8	6.8	5
KY BT-A2-20	20	43.8	40	35	9.5	6	5
KY BT-A2-25	25	51	46/47	44	10	8	7
KY BT-A2-28	28	57	52	45	10.5	8	7.5
KY BT-A2-30	30	57	52	48	11	8	8
KY BT-A2-1/2"	12.7	35	30	25.4	8	5	6.35
KY BT-A2-5/8"	15.875	41.5	36.45	31.75	8	6.7	10.3
KY BT-A2-3/4"	19.05	43.8	40	34.925	9.5	6	10.3
KY BT-A2-1"	25.4	51	47	41.275	10	7.9	11.1

Automotive Pump Seals