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Mechanical Seals Catalog

Product Performance. Affordability. Availability.





Product Performance. Affordability. Availability.



Spraying & granulating



Dry powder pressing



Alumina sintering



SiC & TC sintering



CNC grinding



Lapping



Machining



Stamping



Rubber



Testing equipment



Seal testing system



3-dimensional meters



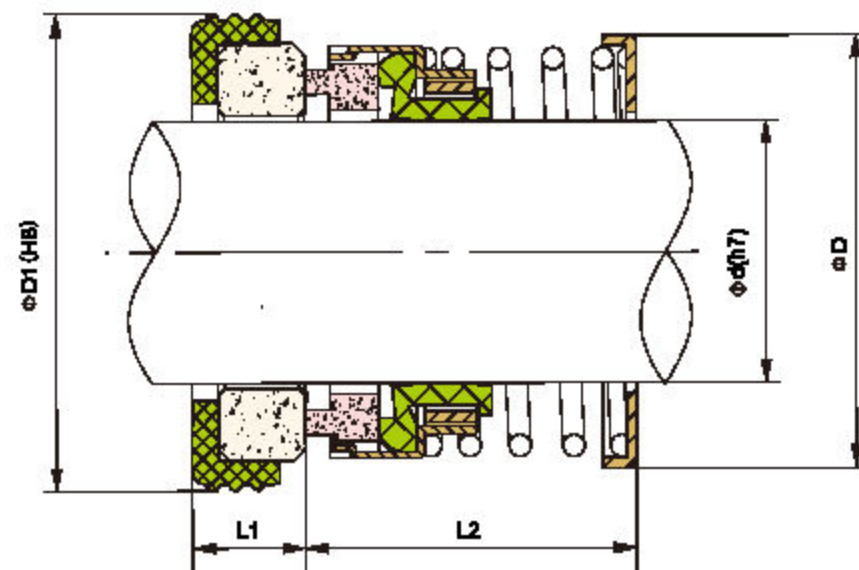
Laser marking



Warehouse

Elastomer Bellow Shaft Seals

KY TYPE 21 (Inch)



Part #	d	D	D1	L1	L2
KY TYPE 21-1/2"	12.7	23.88	25.4	7.92	20.62
KY TYPE 21-5/16"	15.875	26.7	31.75	10.29	22.43
KY TYPE 21-3/4"	19.05	31.09	34.83	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	25.8
KY TYPE 21-1 1/8"	28.575	46.25	44.45	11.1	27.17
KY TYPE 21-1 1/4"	31.75	48.4	47.83	11.1	27.17
KY TYPE 21-1 3/8"	34.825	52.05	50.5	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	35.19
KY TYPE 21-1 3/4"	44.46	66	63.5	12.7	35.19
KY TYPE 21-1 7/8"	47.625	68.9	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	75.2	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"	66.9	88.4	88.73	16.9	49.4
KY TYPE 21-2 3/4"	69.9	92.58	91.9	15.9	49.4
KY TYPE 21-2 7/8"	73	94.85	95.25	16.9	52.57
KY TYPE 21-3"	76.2	101.9	98.43	15.9	52.57

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: ≤ 0.8 MPa
- Speed: ≤ 10 m/Sec

KY TYPE 24

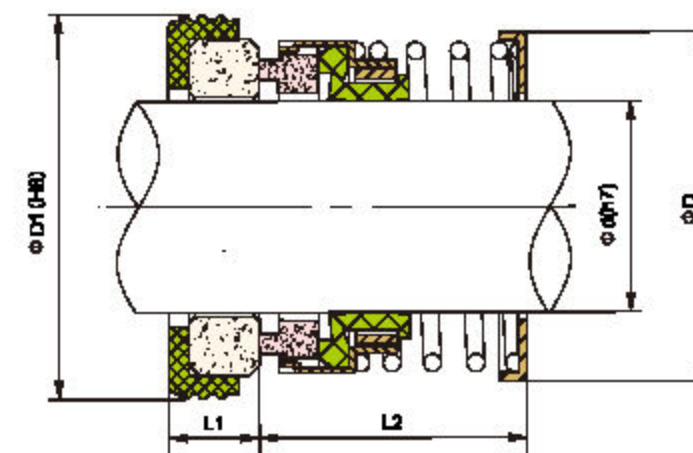


Combined Materials

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

Working Conditions

- Mediums: Water, oil, and chemical mediums with weak corrosion.
- Temperature: -20°C ~ 150°C
- Pressure: ≤ 0.8 MPa
- Speed: ≤ 10 m/Sec



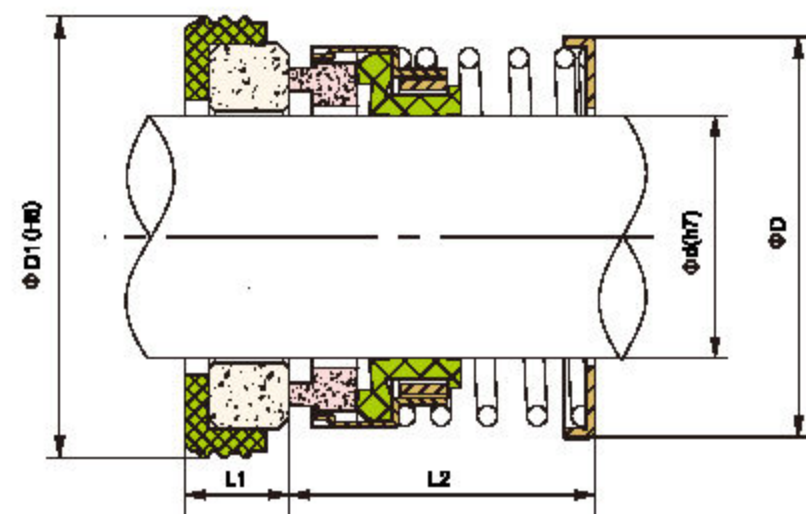
Compatibility

- Vulcan TYPE 24
- John Crane TYPE 521
- ROTEN TYPE 52

Part #	d	D	D1	L1	L2
KY TYPE 24-12	12	21.7	23	6.6	24.1
KY TYPE 24-14	14	24.5	26	6.6	26.6
KY TYPE 24-16	16	26.65	27	6.6	26.6
KY TYPE 24-18	18	30.25	33	10	27.7
KY TYPE 24-20	20	33.4	35	10	27.7
KY TYPE 24-22	22	36.65	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	46.65	48	10	32.7
KY TYPE 24-35	35	49.1	50	10	32.7
KY TYPE 24-38	38	52.0	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	65	11	34.2
KY TYPE 24-50	50	66.9	70	13	34.7
KY TYPE 24-55	55	71.85	75	13	34.7
KY TYPE 24-58	58	76.4	79	13	39.7
KY TYPE 24-60	60	78.4	80	13	39.7
KY TYPE 24-63	63	81.5	85	13	39.7
KY TYPE 24-65	65	84.3	85	13	39.7
KY TYPE 24-68	68	88.85	90	15.3	37.4
KY TYPE 24-70	70	89.85	92	16.3	44.9
KY TYPE 24-75	75	98.8	97	15.3	44.9

Elastomer Bellow Shaft Seals

Elastomer Bellow Shaft Seals



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°C~150°C
- Pressure: ≤ 0.8 MPa
- Speed: ≤ 10 m/Sec

Part #	d	D	D1	L1	L2
KY TYPE 20-10	10	22.95	24.8	8.74	25.8
KY TYPE 20-12	12	23.9	27.79	8.74	25.8
KY TYPE 20-13	13	23.9	27.79	8.74	25.8
KY TYPE 20-14	14	26.7	30.85	10.32	25.8
KY TYPE 20-15	16	26.7	30.85	10.32	25.8
KY TYPE 20-16	16	26.7	30.85	10.32	25.8
KY TYPE 20-18	18	31.1	34.15	10.32	25.8
KY TYPE 20-19	19	31.1	34.15	10.32	25.8
KY TYPE 20-20	20	33.4	36.7	10.32	25.8
KY TYPE 20-22	22	33.4	37.3	10.32	25.8
KY TYPE 20-24	24	38.2	40.5	10.32	25.8
KY TYPE 20-25	25	39.2	40.5	10.32	25.8
KY TYPE 20-26	26	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	53.96	11.99	33.54
KY TYPE 20-34	34	52.6	53.96	11.99	33.54
KY TYPE 20-35	35	52.6	53.96	11.99	33.54
KY TYPE 20-36	36	55.8	57.15	11.99	33.54
KY TYPE 20-40	40	62.2	60.36	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	68.8	66.7	11.99	40.68
KY TYPE 20-50	50	71.85	69.88	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	78.4	13.5	41.2
KY TYPE 20-60	60	82	78.4	13.5	41.2
KY TYPE 20-63	63	84.9	82.55	13.5	41.2
KY TYPE 20-65	65	88.4	82.1	15.9	49.2
KY TYPE 20-70	70	92.8	85.52	15.9	49.2
KY TYPE 20-73	73	94.85	88.45	15.9	49.2
KY TYPE 20-75	75	101.9	101.85	15.9	49.2

KY TYPE 20 (Inch)



Combined Materials

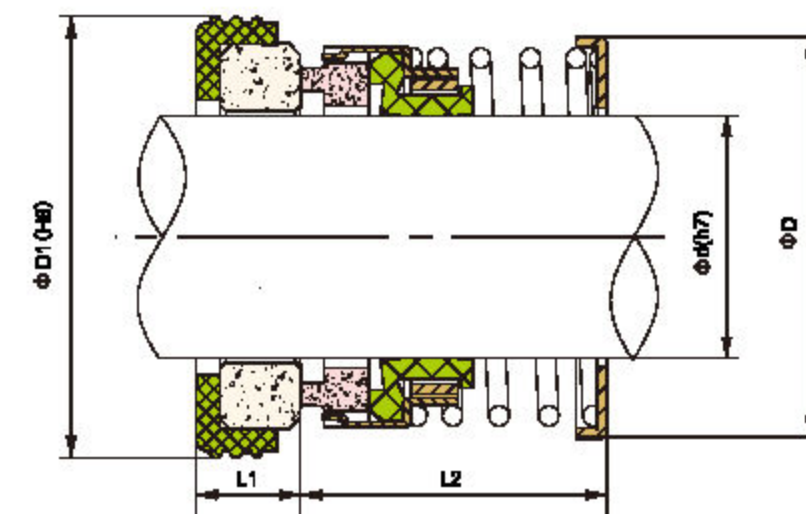
- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Compatibility

- Vulcan TYPE 20, Burgmann MG920

Working Conditions

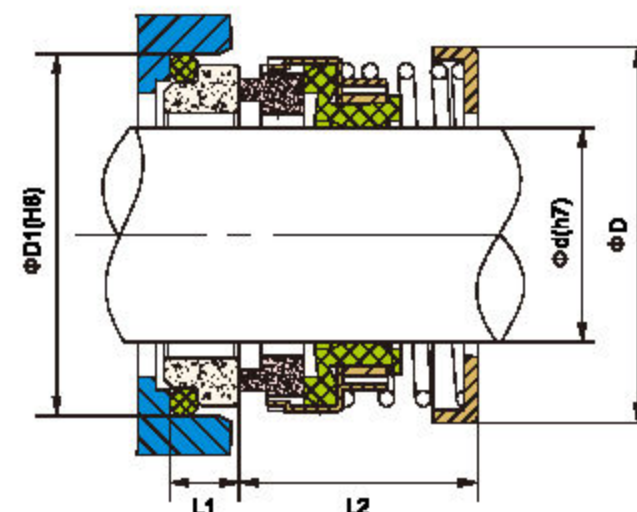
- Mediums: Water, oil, and weakly-corrosive mediums, etc.
- Temperature: -20°C~150°C
- Pressure: ≤ 0.8 MPa
- Speed: ≤ 10 m/Sec



Elastomer Bellow Shaft Seals

Part #	d	D	D1	L1	L2
KY TYPE 20-3/8"	9.5	22.95	24.8	8.74	25.8
KY TYPE 20-1/2"	12.7	23.9	27.79	8.74	25.8
KY TYPE 20-5/8"	15.8	26.7	30.85	10.32	25.8
KY TYPE 20-3/4"	19.1	31.1	34.15	10.32	25.8
KY TYPE 20-7/8"	22.2	33.4	37.3	10.32	25.8
KY TYPE 20-1"	25.4	43.2	40.5	10.32	25.8
KY TYPE 20-1 1/8"	28.5	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	53.96	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	60.36	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	78.4	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	82.1	15.9	49.2
KY TYPE 20-2 3/4"	69.8	92.8	85.52	15.9	49.2
KY TYPE 20-2 7/8"	73	94.85	88.45	15.9	49.2
KY TYPE 20-3"	76.2	101.9	101.85	15.9	49.2

Elastomer Bellow Shaft Seals



KY TYPE 443

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	26.65	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	46.7	48	10	32.7
KY TYPE 443-33	33	46.75	48	10	32.7
KY TYPE 443-35	35	48.1	50	10	32.7
KY TYPE 443-38	38	52.4	55	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 443-63	63	70.95	73	13	34.7
KY TYPE 443-55	55	71.65	75	13	34.7
KY TYPE 443-68	68	78.4	78	13	36.7
KY TYPE 443-80	80	78.4	80	13	36.7
KY TYPE 443-93	93	81.5	83	13	36.7
KY TYPE 443-65	65	84.3	85	13	36.7
KY TYPE 443-88	88	89.95	90	15.3	37.4
KY TYPE 443-70	70	89.95	92	15.3	44.9
KY TYPE 443-76	76	98.8	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	48.5
KY TYPE 443-95	95	119	120	15.7	48.5
KY TYPE 443-100	100	124	125	15.7	48.5

Combined Materials

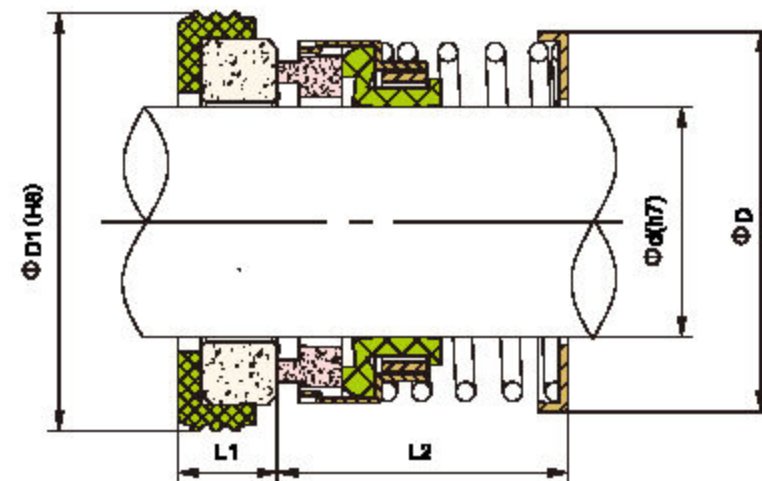
- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

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: $\leq 10\text{ m/Sec}$



KY TYPE BIA

Working Conditions

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



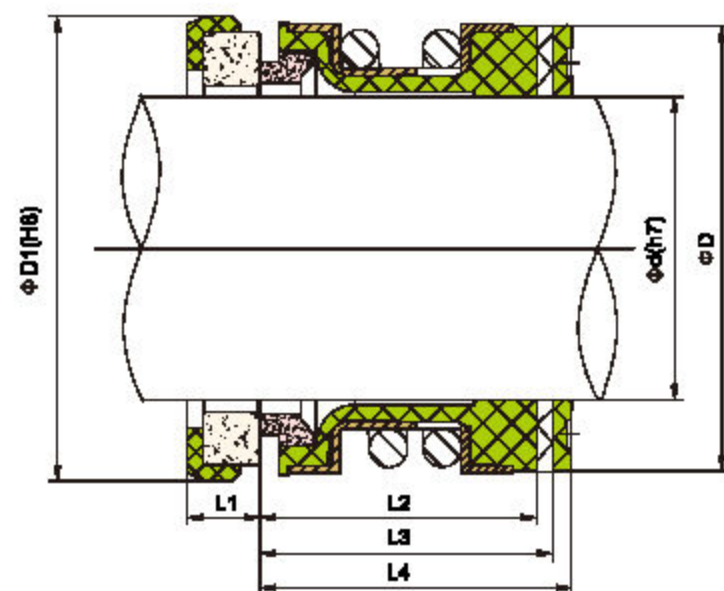
Combined Materials

- 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 BIA-14	14	27.5	30	8	18.7
KY TYPE BIA-16	16	28.5	32	5	21
KY TYPE BIA-18	18	31.2	36	7.5	22.5
KY TYPE BIA-20	20	31.7	35	8	21
KY TYPE BIA-24	24	40.2	38	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	48	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	60	9	33.5
KY TYPE BIA-40	40	57	58	9	33.5
KY TYPE BIA-43	43	60.7	61	9.5	38.5
KY TYPE BIA-45	45	62.5	63	9.5	38
KY TYPE BIA-48	48	66.5	68	9.5	38
KY TYPE BIA-50	50	68.6	70	9.5	38
KY TYPE BIA-63	63	70.5	73	9.5	41
KY TYPE BIA-55	55	72.4	75	9.5	41
KY TYPE BIA-68	68	80	78	9.5	42
KY TYPE BIA-80	80	83	80	9.5	42
KY TYPE BIA-65	65	87.2	86	9.5	48
KY TYPE BIA-70	70	91.6	92	11	45
KY TYPE BIA-75	75	96.4	97	12	48
KY TYPE BIA-80	80	104.8	104	12	55
KY TYPE BIA-85	85	111	109	12	64.2
KY TYPE BIA-90	90	113	114	12	69.2

Elastomer Bellow Shaft Seals

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: -40°C ~ 150°C
- Pressure: $\leq 1.2\text{MPa}$
- Speed: $\leq 13\text{ m/Sec}$

Compatibility

- John Crane TYPE 2100



KY TYPE 2100 (Inch)

Part#	d	D	D1	L1	L2
KY TYPE 2100-3/8"	8.525	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	28	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	36	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	48	47.63	11.1	26.2
KY TYPE 2100-1 3/8"	34.925	48	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	58	60.33	12.7	30.2
KY TYPE 2100-1 3/4"	44.45	61	65.5	12.7	30.2
KY TYPE 2100-1 7/8"	47.625	64	68.68	12.7	30.2
KY TYPE 2100-2"	50.8	68	68.65	12.7	30.2
KY TYPE 2100-2 1/8"	53.975	68	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	88	88.9	15.9	33.2
KY TYPE 2100-2 7/8"	73.025	88	95.25	15.9	33.2
KY TYPE 2100-3"	76.2	96	98.425	15.9	40.2
KY TYPE 2100-3 1/8"	79.375	105	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 2100 (Metric)

Part#	d	D	D1	L1	L2	L3	L4
KY TYPE 2100-10	10	20	21	6	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	28.2	34.2
KY TYPE 2100-16	16	26	26	6	15.2	28.2	34.2
KY TYPE 2100-18	18	28	27	6	15.2	28.2	34.2
KY TYPE 2100-18	18	32	28	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	38	6	20.2	34.2	44.2
KY TYPE 2100-26	26	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	36.7	43.2
KY TYPE 2100-32	32	46	46	7	26.2	35.7	45.2
KY TYPE 2100-33	33	47	48	7	26.2	36.7	45.2
KY TYPE 2100-35	35	49	50	8	26.2	34.7	47.2
KY TYPE 2100-38	38	54	55	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	36.2	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	50.2
KY TYPE 2100-55	55	71	75	10	30.2	37.7	50.2
KY TYPE 2100-58	58	75	78	10	33.2	42.7	50.2
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	58.2
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	116	14	40.2	62.7	77.7
KY TYPE 2100-95	95	119	120	14	40.2	62.7	77.7
KY TYPE 2100-100	100	124	125	14	40.2	62.7	77.7



Combined Materials

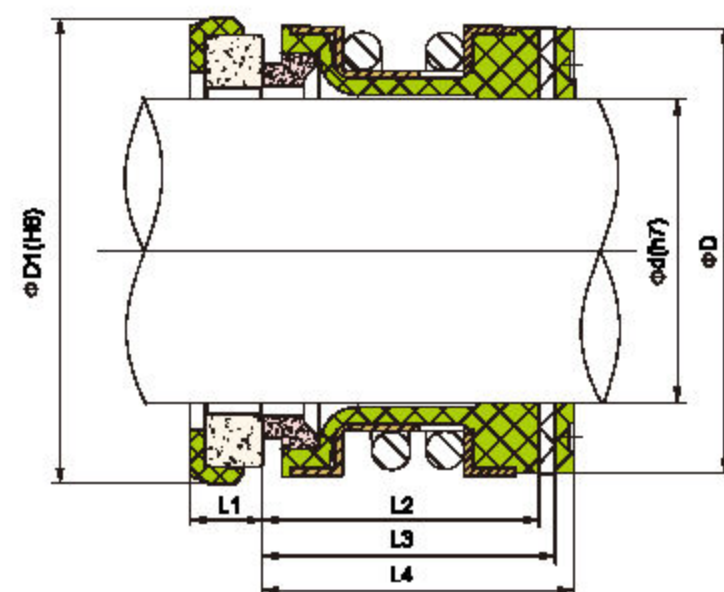
- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Compatibility

- John Crane TYPE 2100

Working Conditions

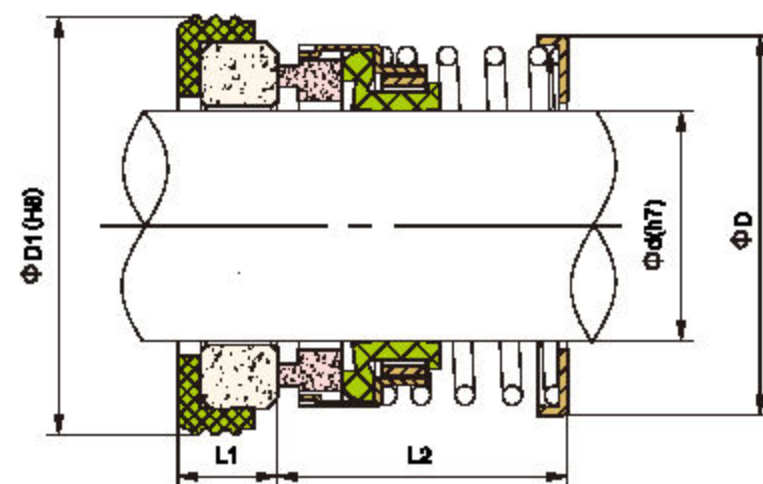
- Mediums: Water, oil, and weakly-corrosive mediums.
- Temperature: -40°C ~ 150°C
- Pressure: $\leq 1.2\text{MPa}$
- Speed: $\leq 13\text{ m/Sec}$



Elastomer Bellow Shaft Seals



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)

Working Conditions

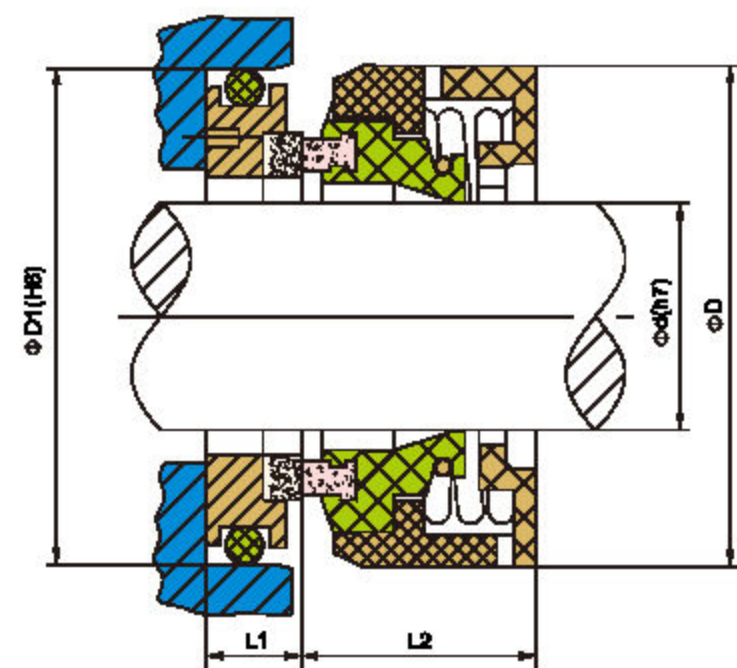
- Mediums: Water, oil, and weakly-corrosive mediums.
- Temperature: -20°C – 150°C
- Pressure: $\leq 0.8\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

Compatibility

- EagleBurgmann EA560

Part #	d	D	D1	L1	L2
KY EA560-8	8.625	23.6	22.225	8.4	22.2
KY EA560-9	12.7	28	25.4	8.4	22.2
KY EA560-10	16.875	30	31.75	8.7	23.8
KY EA560-11	19.05	32.5	34.925	8.7	23.8
KY EA560-12	22.225	37.6	38.1	8.7	25.4
KY EA560-13	25.4	44	41.275	9.5	27
KY EA560-14	28.575	48	44.45	9.6	28.6
KY EA560-15	31.75	50	47.925	9.5	28.8
KY EA560-16	34.925	64.6	60.8	9.6	30.2
KY EA560-17	38.1	68.5	63.975	9.5	30.2
KY EA560-18	41.275	64	60.325	11.1	36.6
KY EA560-19	44.45	67	63.6	11.1	36.6
KY EA560-20	47.625	71	66.675	11.1	38.7
KY EA560-21	60.8	73.6	69.95	11.1	38.7

Part #	d	D	D1	L1	L2
KY EA560-8	8	18.2	21	7	11.2
KY EA560-9	9	18.2	24	7	16.2
KY EA560-10	10	20.8	24	7	16.2
KY EA560-11	11	20.8	24	7	16.2
KY EA560-12	12	21.8	28	7	17.2
KY EA560-13	13	21.8	28	7	17.2
KY EA560-14	14	28.4	28	7	18.2
KY EA560-15	15	28.4	28	7	18.2
KY EA560-16	16	28.4	32	8	19.2
KY EA560-17	17	29.5	32	8	18.2
KY EA560-18	18	29.6	35	8	19.2
KY EA560-19	19	29.5	35	8	18.2
KY EA560-20	20	31.8	38	8	20.2
KY EA560-22	22	33.8	40	8	20.2
KY EA560-25	25	39.8	44	9	20.2
KY EA560-26	26	45	48	9	21.2
KY EA560-30	30	48.8	60	9	22.2
KY EA560-32	32	48.8	54	9	24.2
KY EA560-35	35	60.8	68	10	28.2
KY EA560-38	38	54.3	60	10	27.2
KY EA560-40	40	67.8	64	10	28.2
KY EA560-45	45	61.3	68	10	30.2
KY EA560-50	50	67.8	72	10	32.2



KY TYPE 216

Part #	d	D	D1	L1	L2
KY TYPE 216-20	20	42.6	66.6	11	26.7
KY TYPE 216-22	22	47	45.5	9	25.8
KY TYPE 216-25	25	54	60.6	10	28.8
KY TYPE 216-28	28	54	50.5	10	26.8
KY TYPE 216-30	30	54	60.6	10	28.8
KY TYPE 216-35	35	62	60.5	11	29

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: $\leq 0.6\text{MPa}$
- Speed: $\leq 5\text{ m/Sec}$

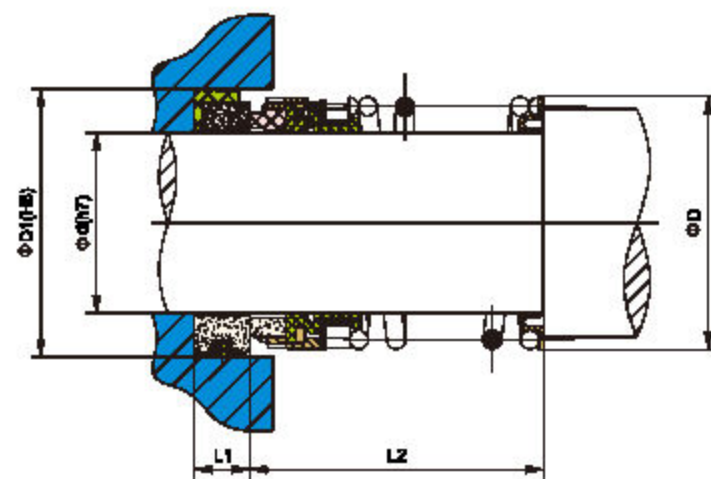


Elastomer Bellow Shaft Seals

Elastomer Bellow Shaft Seals



KY TYPE 1



Part #	d	D	D1	L1	L2
KY TYPE 1-6/8"	15.875	27.75	31.75	10.29	33.52
KY TYPE 1-3/4"	19.05	30.5	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	38	41.28	11.1	38.87
KY TYPE 1-1 1/8"	28.675	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	55	57.15	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	63.5	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	73.2	14.27	60.63
KY TYPE 1-2 1/4"	57.1	74.6	76.38	14.27	60.63
KY TYPE 1-2 3/8"	60.2	77.77	79.55	14.27	63.7
KY TYPE 1-2 1/2"	63.5	80.95	82.73	14.27	63.7
KY TYPE 1-2 5/8"	66.6	84.12	85.9	15.9	70.05
KY TYPE 1-2 3/4"	69.8	87.3	89.08	15.9	70.05
KY TYPE 1-2 7/8"	73	90.48	92.25	15.9	73.2
KY TYPE 1-3"	76.2	93.65	95.43	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)

Compatibility

- John Crane TYPE 1

Working Conditions

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

Part #	d	D	D1	L1	L2
KY TYPE 2-16	16	34	30	8	25.2
KY TYPE 2-18	18	38.5	32	8	25.2
KY TYPE 2-20	20	38.5	34	8	25.2
KY TYPE 2-22	22	41.5	35	8	25.2
KY TYPE 2-25	25	44.5	36	8	25.2
KY TYPE 2-28	28	48.5	43	8	25.2
KY TYPE 2-30	30	52	46	8	25.2
KY TYPE 2-35	35	57	53	10	30.2
KY TYPE 2-40	40	57	56	10	34.2
KY TYPE 2-45	45	78	53	10	38.2
KY TYPE 2-50	50	79	56	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	85	12	48.2
KY TYPE 2-70	70	103.5	81	12	52.2
KY TYPE 2-75	75	110.5	85	12	62.2
KY TYPE 2-80	80	120	105	14	58.2
KY TYPE 2-85	85	125	110	14	68.2
KY TYPE 2-90	90	132	115	14	58.2
KY TYPE 2-95	95	137	120	14	68.2
KY TYPE 2-100	100	144	125	14	62.2
KY TYPE 2-110	110	157	135	18	62.2
KY TYPE 2-120	120	168.5	145	16	72.2

Part #	d	D	D1	L1	L2
KY TYPE 2-6/8"	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	47.85	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	57	57.15	11.9	33.2
KY TYPE 2-1 5/8"	41.27	57	60.35	11.9	33.2
KY TYPE 2-1 3/4"	44.45	75	63.5	11.9	41.2
KY TYPE 2-1 7/8"	47.62	75	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	84	82.55	13.5	41.2



KY TYPE 2
(Metric, Inch)

Elastomer Bellow Shaft Seals

Combined Materials

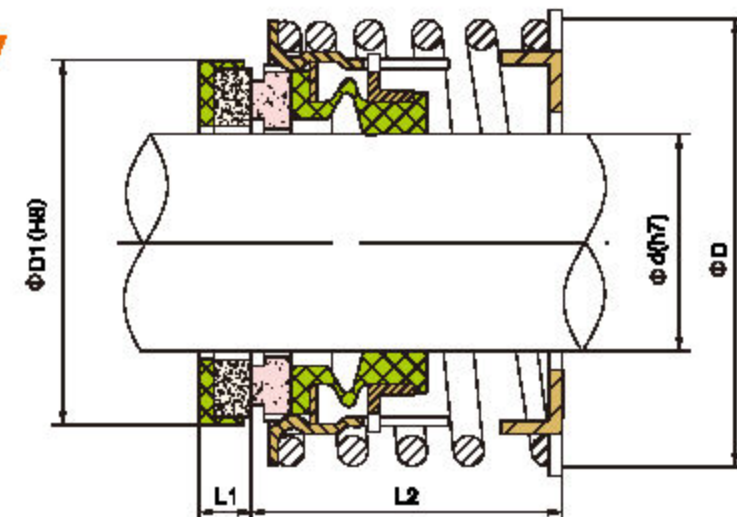
- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

Working Conditions

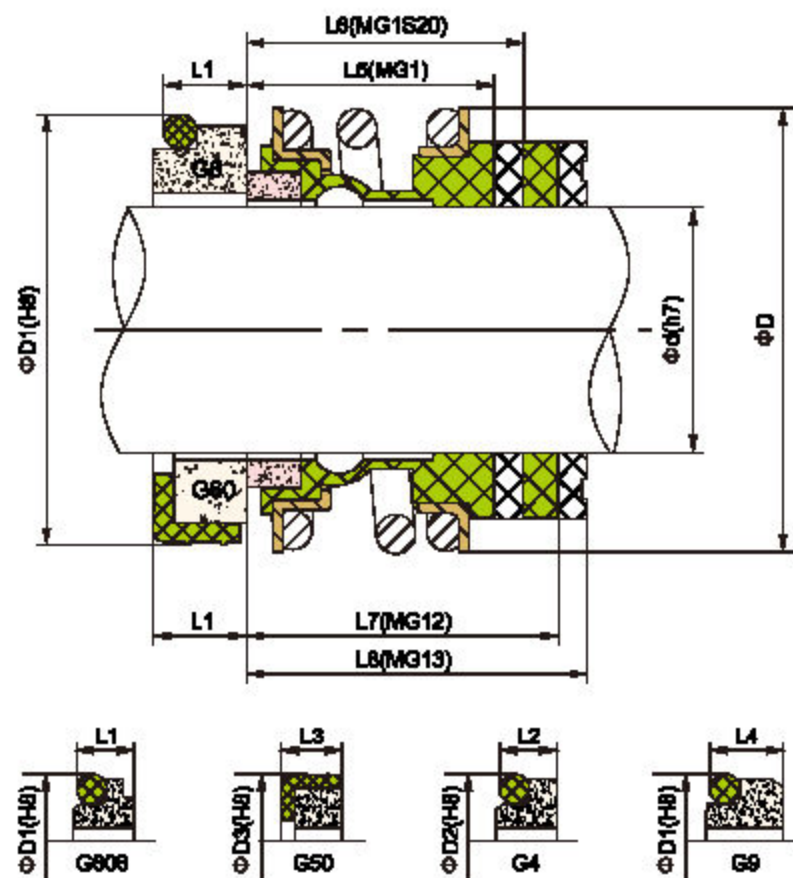
- Mediums: Water, oil, weak acids, weak alkali, etc.
- Temperature: -20°C-100°C
- Pressure: ≤ 1 MPa
- Speed: ≤ 12 m/Sec

Compatibility

- John Crane TYPE 2



Elastomer Bellow Shaft Seals



KY MG1 / MG12 / MG13 / MG1S20

Compatibility

- Burgmann MG1 / MG12 / MG13 / MG1S20

Combined Materials

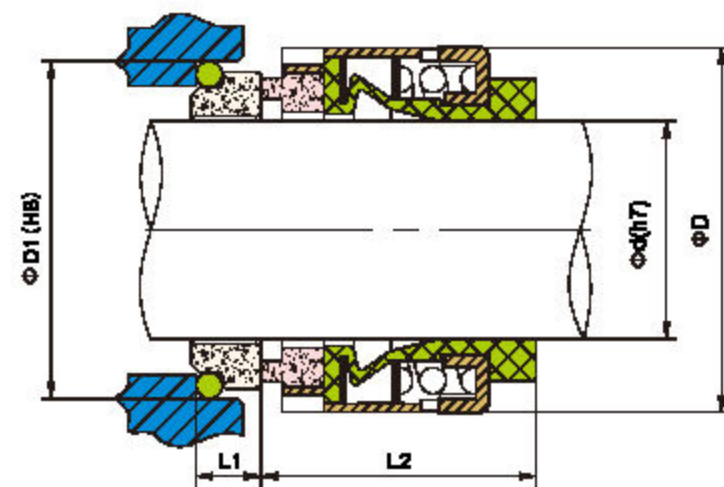
- Stationary Ring (Ceramic/SiC/TC)
- Rotary Ring (Carbon/SiC/TC)
- Secondary Seal (NBR/EPDM/Viton)
- Spring and Punched Parts (Steel)

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, G8, G808, etc.

d	D	D1	D2	D3	L1	L2	L3	L4	L5	L6	L7	L8
10	22	21	19.2	24.8	6.5	8.6	8	10	14.7	26.8	28	33.6
12	24.5	23	21.6	27.8	6.5	5.5	9	10	15.2	25.5	26	33.5
14	26	25	24.6	30.86	6.5	6.6	10.6	10	17.2	26.8	28.6	33.6
15	28	27	24.8	30.95	6.5	6.5	10.5	10	17.2	25.5	29.5	33.5
16	28	27	28	30.86	6.5	7.6	10.6	10	17.2	26.8	28.6	33.6
18	31.5	30	30	34.15	7.5	8	10.5	11.4	19.7	25.5	30.1	37.7
19	33.6	32	32	34.16	7.5	7.6	10.6	11.4	21.7	26.8	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	36.6	37	36	37.3	7.5	7.5	10.6	11.4	21.7	26.6	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
26	42	40	38	40.5	7.5	7.5	10.6	11.4	23.2	26.6	32.7	42.7
28	48.5	45	42	46.85	7.5	9	12	11.4	26.7	33.5	35.2	42.7
30	48.6	46	46	50.8	7.5	10.6	12	11.4	26.7	33.5	36.2	42.7
32	53	48	48	50.8	7.5	10.6	12	11.4	27.7	33.5	36.2	47.7
33	53	48	50	64	7.5	11	12	11.4	27.7	33.6	36.2	47.7
35	60.5	60	52	64	7.5	11	12	11.4	28.7	33.5	36.2	47.7
38	68.5	66	56	57.16	8	10.6	12	14	30.2	33.5	36.2	48.2
40	61.6	66	58	60.36	9	10.8	12	14	30.2	33.5	36.2	48.2
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	66.4	66.7	9	11.6	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	36.2	50.7
53	75	73	72.3	73.06	11	12.6	13.6	16	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	13.6	13.6	16	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	16	40.2	49.5	41.7	69.2
68	96	88	81.5	85.25	11.5	13.7	16	18	40.2	49.5	41.3	69
70	99	92	92	95.26	11.6	13	16	18	40.2	49.5	49	69
75	108.5	97	99	101.6	11.5	14	16	18	40.2	52.5	49	69
80	111.6	106	104	114.3	12	16	20	18.3	40.2	66.5	48.2	78.2
85	118.5	110	109	117.5	14	15	20	18.3	41.2	68.5	48.2	78.2
90	128.5	116	114	123.55	14	16	20	18.3	45.2	68.5	61.2	78.2
95	131.5	120	120.3	127	14	16	20	17.3	46.2	68.5	61.2	78.2
100	136.5	126	123.3	133.35	14	18	20	17.3	47.2	62.5	61.2	78.2

Elastomer Bellow Shaft Seals



KY TYPE 502

Part#	d	D	D1	L1	L2
KY TYPE 502-14	14	24	25	12	28.2
KY TYPE 502-16	16	26	27	12	28.2
KY TYPE 502-18	16	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	38	13.3	28.8
KY TYPE 502-25	25	38	40	15	27.2
KY TYPE 502-28	28	42	43	12.8	30.2
KY TYPE 502-30	30	44	45	11.8	30.7
KY TYPE 502-32	32	46	48	11.8	30.7
KY TYPE 502-33	33	47	48	11.8	30.7
KY TYPE 502-35	35	48	50	11.8	30.7
KY TYPE 502-38	38	54	56	12.8	32.2
KY TYPE 502-40	40	56	58	12.8	32.2
KY TYPE 502-43	43	58	61	12.8	32.2
KY TYPE 502-45	45	61	63	12.8	32.2
KY TYPE 502-48	48	64	66	12.8	32.2
KY TYPE 502-50	50	68	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	76	78	13.4	38.2
KY TYPE 502-60	60	80	80	13.4	38.2
KY TYPE 502-63	63	83	83	13.4	38.2
KY TYPE 502-65	65	85	85	13.4	38.2
KY TYPE 502-68	68	88	90	13.4	38.2
KY TYPE 502-70	70	89	92	14.5	45.7
KY TYPE 502-75	75	98	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	60.2
KY TYPE 502-100	100	124	125	15	50.2

Combined Materials

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

Working Conditions

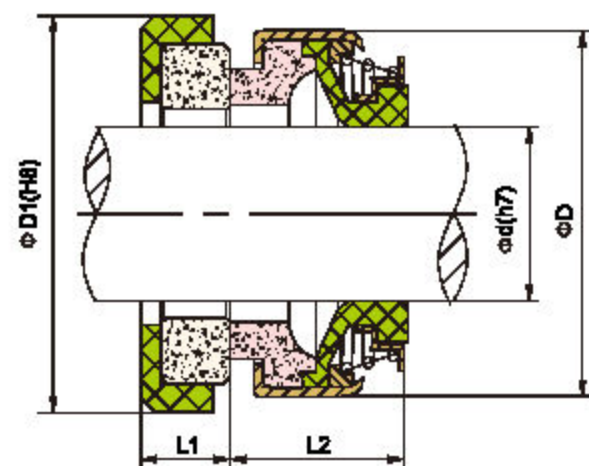
- Mediums: Water, oil and weakly-corrosive mediums.
- Temperature: -30°C~200°C
- Pressure: ≤ 1.2 MPa
- Speed: ≤ 12 m/Sec

Compatibility

- John Crane TYPE 502
- VULCAN TYPE 1724



Elastomer Bellow Shaft Seals



KY BT-AR

Combined Materials

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

Compatibility

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

Working Conditions

- Pumps: Water pumps and household pumps.
- Temperature: -20°C~100°C
- Pressure: ≤ 0.5 MPa
- Speed: ≤ 10 m/Sec



Part#	d	D	D1	L1	L2
KY BT-AR-5	8	18	22	4	8.7
KY BT-AR-6	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	38	29.5	8	13.2
KY BT-AR-16C	16	35	38	8	13.2
KY BT-AR-18D	18	38	42	8	13.2
KY BT-AR-17	17	38	42	8	13.2
KY BT-AR-18	18	38	42	8	13.2
KY BT-AR-19	19	38	42	8	13.2
KY BT-AR-20	20	38	42	8	13.2
KY BT-AR-20A	20	42	45	10	13.2
KY BT-AR-22	22	42	46	10	13.2
KY BT-AR-24	24	47	50	10	14.2
KY BT-AR-25	25	47	60	10	14.2
KY BT-AR-28	28	54	57	10	15.2
KY BT-AR-30	30	54	67	10	16.2
KY BT-AR-32	32	54	57	10	15.2
KY BT-AR-35	35	60	69	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

Elastomer Bellow Shaft Seals

KY TYPE 6



Compatibility

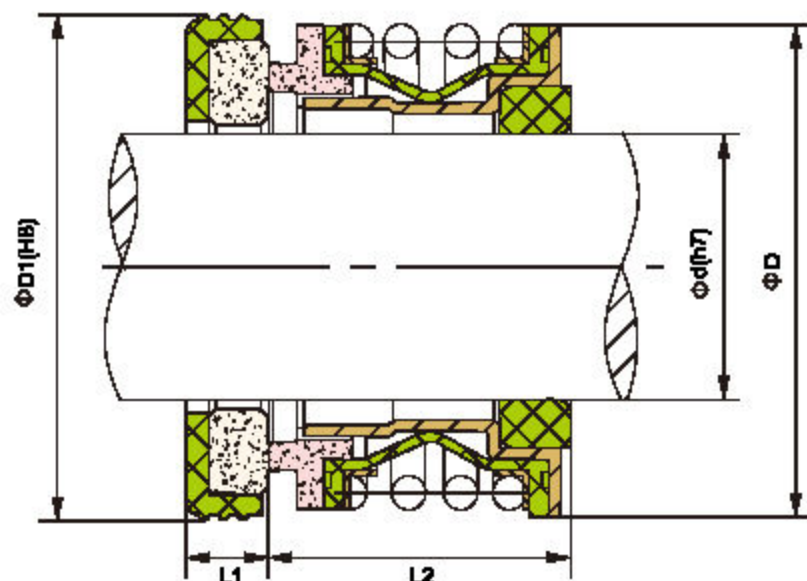
- John Crane TYPE 6
- PAC-SEAL TYPE 16
- US SEAL TYPE A
- SEALOL TYPE 6

Working Conditions

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

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 6-3/8"A	9.53	23.8	22.23	8.36	16.06
KY TYPE 6-3/8"	9.53	26.97	25.4	7.98	15.88
KY TYPE 6-1/2"A	12.7	26.97	25.4	8.36	16.06
KY TYPE 6-1/2"	12.7	26.97	25.4	7.98	15.88
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	42.65	41.28	11.1	20.82
KY TYPE 6-1"	25.4	42.65	41.28	11.1	20.82

KY TYPE 108

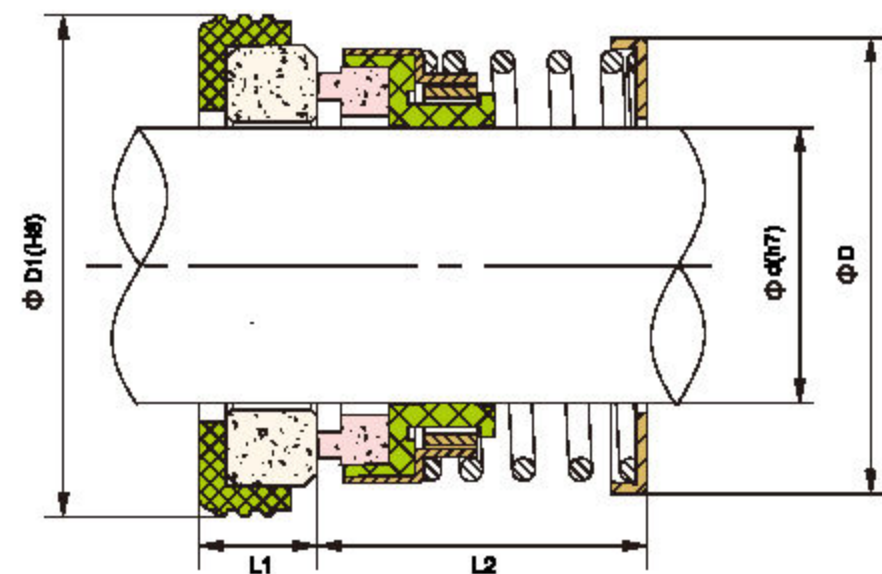


Combined Materials

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

Working Conditions

- Pumps: Centrifugal pumps, pipe pumps, ordinary industrial pumps, etc.
- Temperature: -20°C~110°C
- Pressure: ≤ 0.6 MPa
- Speed: ≤ 10 m/Sec

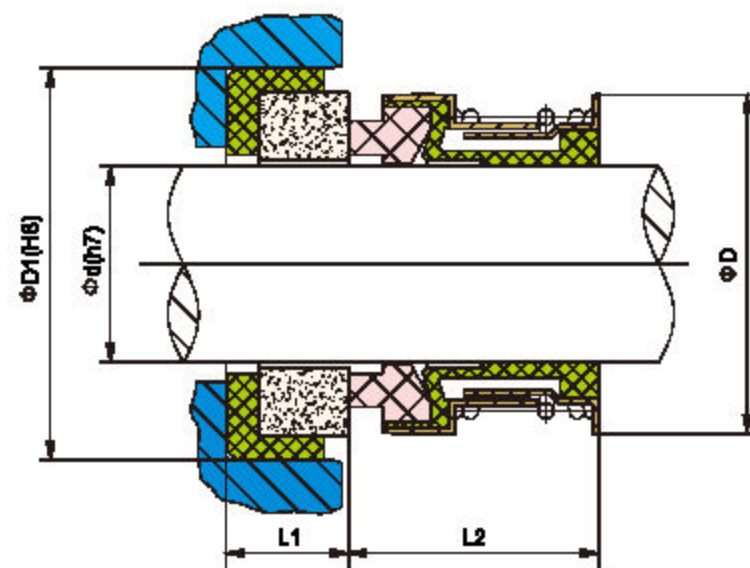


Part #	d	D	D1	L1	L2
KY TYPE 108-9	9	20	21	5	15
KY TYPE 108-10	10	20	21	5	15
KY TYPE 108-11	11	22	24	5	15
KY TYPE 108-12	12	22	26	5	15
KY TYPE 108-14	14	24.5	26	5	20
KY TYPE 108-16	16	26.5	27	5	20
KY TYPE 108-18	18	28.5	27	5	20
KY TYPE 108-17	17	32	33	5	20
KY TYPE 108-18	18	32	33	5	20
KY TYPE 108-19	19	34	36	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	25
KY TYPE 108-30	30	44	45	7	26
KY TYPE 108-36	36	49	50	8	29
KY TYPE 108-40	40	55	58	8.5	31.5
KY TYPE 108-46	46	61	63	8.5	31.5
KY TYPE 108-50	50	67	70	8.5	36.5
KY TYPE 108-66	66	72	76	8.5	36.5

Elastomer Bellow Shaft Seals

Elastomer Bellow Shaft Seals

KY TYPE 16



Part#	d	D	D1	L1	L2
KYTYPE 16-3/8"A	9.53	23.29	22.23	6.35	18.06
KYTYPE 16-3/5"	9.65	23.29	22.23	7.14	18.55
KYTYPE 16-1/2"A	12.7	23.29	25.4	6.35	18.86
KYTYPE 16-1/2"	12.7	23.29	26.4	7.93	18.95
KYTYPE 16-5/8"	15.88	30.1	31.75	10.3	18.44
KYTYPE 16-3/4"	19.05	33.07	34.93	10.3	18.44
KYTYPE 16-7/8"	22.23	36.3	38.1	10.3	20.62
KYTYPE 16-1"	25.4	39.42	41.28	11.1	20.62

Combined Materials

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

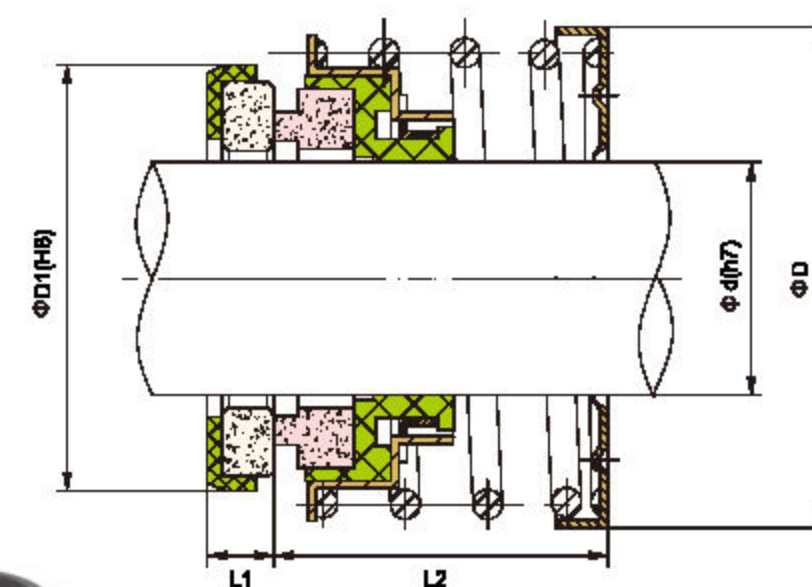
Compatibility

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

Working Conditions

- Mediums: Water, oil and weakly-corrosive mediums.
- Temperature: -20°C ~ 200°C
- Pressure: $\leq 0.6\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$

KY TYPE 70



Part#	d	D	D1	L1	L2
KYTYPE 70-15	15	31.5	29.5	8	18/24
KYTYPE 70-18	18	31.5	29.5	8	18/24
KYTYPE 70-20	20	37	35	5	15
KYTYPE 70-25	25	44.2	40	5.5	18.5
KYTYPE 70-30	30	48.6	45	6	18
KYTYPE 70-35	35	64	60	6.5	19.5
KYTYPE 70-40	40	60.4	58	7.5	20.5

Combined Materials

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

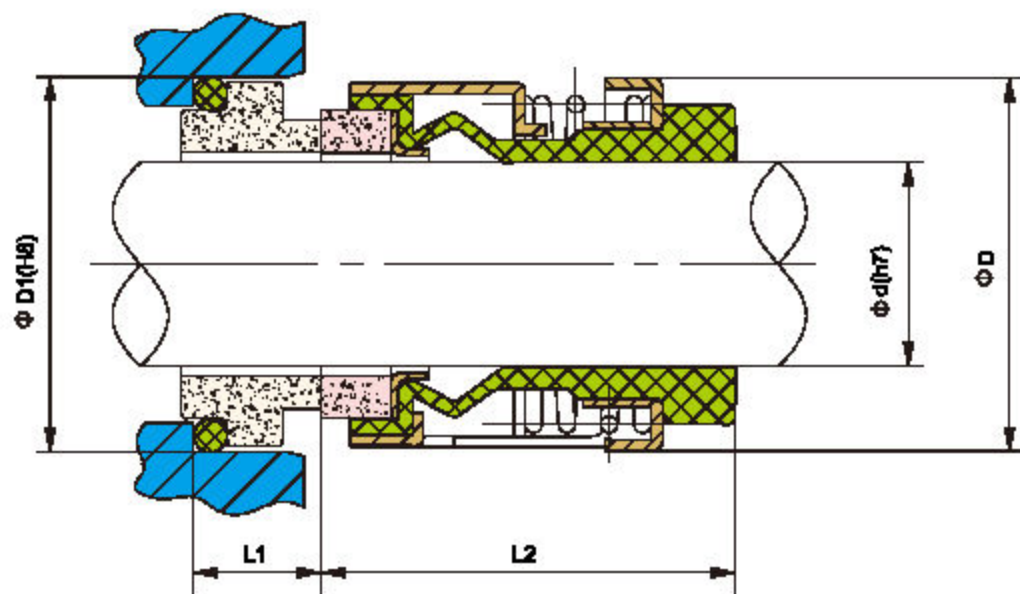
Working Conditions

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

Elastomer Bellow Shaft Seals

Elastomer
Bellow
Shaft Seals

KY TYPE CR



Part#	d	D	D1	L1	L2
KY TYPE CR-12	12	22	23	8	31
KY TYPE CR-18	18	28	27	8	32.5

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: $\leq 1.2\text{MPa}$
- Speed: $\leq 10\text{ m/Sec}$



KY TYPE 155 / KY TYPE 155B

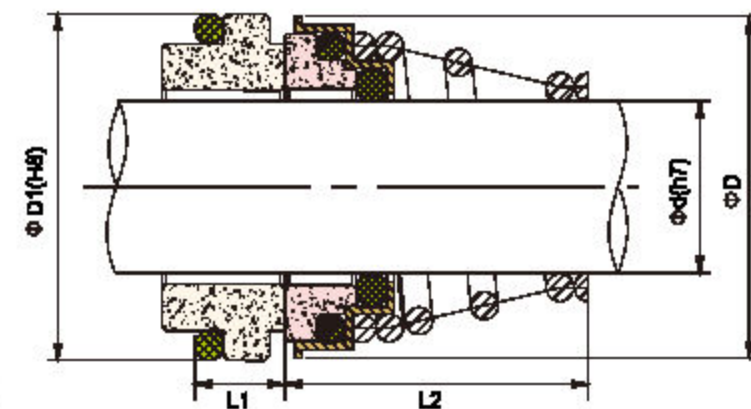
Combined Materials

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

Working Conditions

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

Part#	d	D	D1	L1	L2
KY TYPE 155B-10	10	20	21	7	18.2
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	28	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	48	43	10	29.2
KY TYPE 155B-30	30	48	45	10	30.2
KY TYPE 155B-32	32	48	48	10	30.2
KY TYPE 155B-33	33	48	48	10	30.2
KY TYPE 155B-35	35	50	50	10	30.2
KY TYPE 155B-38	38	58	56	13	42.2
KY TYPE 155B-40	40	58	58	13	42.2



Compatibility

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

Part#	d	D	D1	L1	L2
KY TYPE 155-10	10	20	18.1	8.5	15.2
KY TYPE 155-11	11	22	20.6	5.5	18.2
KY TYPE 155-12	12	22	20.6	8.5	18.2
KY TYPE 155-13	13	25	23.1	8	22.2
KY TYPE 155-14	14	25	23.1	6	22.2
KY TYPE 155-15	16	29	28.9	7	22.2
KY TYPE 155-16	16	29	28.9	7	23.2
KY TYPE 155-17	17	29	28.9	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	36.4	8	25.2
KY TYPE 155-22	22	38	36.4	8	25.2
KY TYPE 155-23	23	38	36.4	8	27.2
KY TYPE 155-24	24	38	36.4	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	48	43.3	9	30.2
KY TYPE 155-30	30	48	43.3	9	30.2
KY TYPE 155-32	32	48	43.3	9	30.2
KY TYPE 155-33	33	48	53.5	11.5	30.2
KY TYPE 155-35	35	50	63.5	11.5	30.2
KY TYPE 155-38	38	58	60.5	11.5	30.2
KY TYPE 155-40	40	58	60.5	11.5	30.2

O Ring
Mechanical
Seals



KY TYPE 1527

Working Conditions

- Mediums: Water, oil, acid, alkali, etc.
- Temperature: -20°C~180°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	47	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	55	11	44
KY TYPE 1527-40	40	56	57	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	75	79	13	57
KY TYPE 1527-60	60	80	80	13	57
KY TYPE 1527-63	63	83	85	13	57
KY TYPE 1527-65	65	85	86	13	57
KY TYPE 1527-68	68	88	90	15.9	64.7
KY TYPE 1527-70	70	90	92	15.8	64.7
KY TYPE 1527-75	75	99	97	15.9	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

KY TYPE E41

Part#	d	D	D1	L1	L2
KY TYPE E41-8	8	18	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	25.9	7	22.2
KY TYPE E41-16	16	26	26.9	7	23.2
KY TYPE E41-17	17	27	28.9	7	23.2
KY TYPE E41-18	18	28	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	46	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 E41-36	36	54	60.5	11.5	39.2
KY TYPE E41-40	40	58	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	79.5	11.5	49.2
KY TYPE E41-65	65	87	84.5	11.5	51.2
KY TYPE E41-70	70	92	86.5	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	69.2
KY TYPE E41-90	90	117	111.5	13.5	62.2
KY TYPE E41-95	95	122	118.5	13.5	62.2
KY TYPE E41-100	100	127	119.5	13.5	75.2



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: $\leq 10\text{m/Sec}$

Compatibility

- Burgmann BT-RN
- AESSEAL TD3
- ROTEN TYPE 2
- VULCAN TYPE 12

