



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: $\leq 20\text{ m/Sec}$

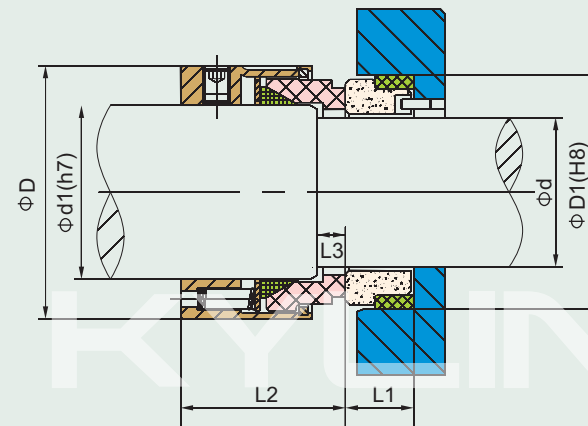
PTFE Wedge Mechanical Seals

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