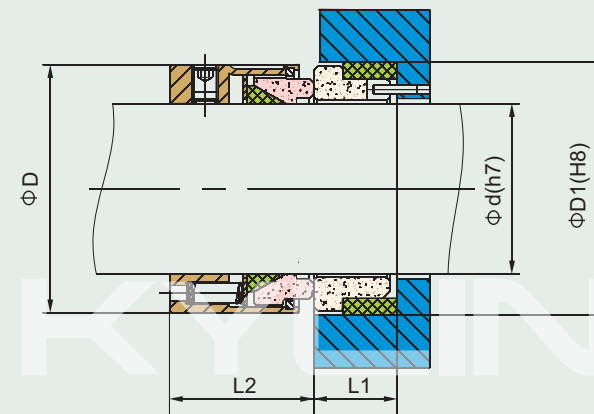


KY TYPE 109 (Inch)



Working Conditions

- Mediums: Petroleum, chemical solvents, weak and medium acids, etc.
- Temperature: $-40^{\circ}\text{C} \sim 200^{\circ}\text{C}$
- Pressure: $\leq 1\text{MPa}$
- 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 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