

## Type 9U

Equivalent to John Crane Type109

## Type 8U

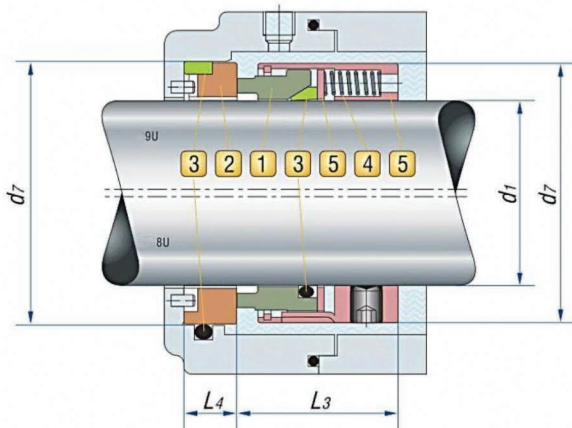
Equivalent to John Crane Type8-1

### OPERATING CONDITIONS

Pressure:  $P=0\sim 2.4\text{MPa}$

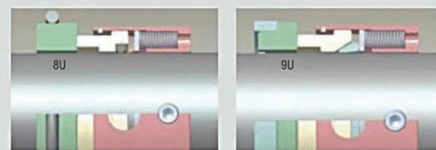
Temperature:  $t=-40^{\circ}\text{C}\sim 200^{\circ}\text{C}$

Velocity:  $V_g \leq 25\text{m/s}$



### 8U/9U DIMENSIONAL DATA (mm)

(Size) (Diameter)	d <sub>1</sub> (h6)	d <sub>3</sub> (Max)	d <sub>7</sub> (H8)	L <sub>3</sub> (±0.5)	L <sub>4</sub>	D <sub>10</sub>	L <sub>20</sub>
0.750	19.05	34.0	34.93	22.2	10.3	48.0	17.6
0.875	22.23	37.2	38.10	23.8	10.3	51.0	17.6
1.000	25.40	40.3	41.28	25.4	11.1	54.0	17.6
1.125	28.58	43.5	44.45	27.0	11.1	62.0	27.0
1.250	31.75	48.3	47.63	27.0	11.1	68.0	27.0
1.375	34.93	51.5	50.80	28.6	11.1	71.0	27.0
1.500	38.10	54.6	53.98	28.6	11.1	78.0	27.0
1.625	41.28	61.0	60.33	35.0	12.7	81.0	27.0
1.750	44.45	64.2	63.50	35.0	12.7	84.0	27.0
1.875	47.63	67.3	66.68	35.0	12.7	87.0	27.0
2.000	50.80	70.5	69.85	35.0	12.7	97.0	33.3
2.125	53.98	76.9	76.20	43.0	14.3	100.0	33.3
2.250	57.15	80.0	79.38	43.0	14.3	103.0	33.3
2.375	60.33	83.2	82.55	43.0	14.3	106.0	33.3
2.500	63.50	86.4	85.73	43.0	14.3	110.0	33.3
2.625	66.68	89.6	85.73	43.0	15.9	113.0	33.3
2.750	69.85	92.7	88.90	43.0	15.9	116.0	33.3
2.875	73.03	98.9	95.25	43.0	15.9	117.0	33.3
3.000	76.02	97.5	98.43	43.0	15.9	121.0	33.3
3.125	79.38	100.7	101.60	43.0	19.8	—	33.3
3.250	82.55	105.4	104.78	43.0	19.8	132.0	33.3
3.375	85.73	108.6	107.95	43.0	19.8	—	33.3
3.500	88.90	111.8	111.13	43.0	19.8	138.0	33.3
3.625	92.08	115.0	114.30	43.0	19.8	—	33.3
3.750	95.25	118.1	117.48	43.0	19.8	144.0	33.3
3.875	98.43	121.3	120.65	43.0	19.8	—	33.3
4.000	101.60	124.5	123.83	43.0	19.8	151.0	33.3

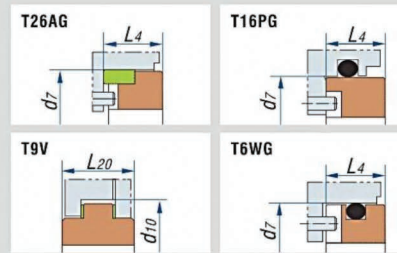


### 1 ROTARY FACE



Resin Impregnated Carbon: **Ak**  
Antimony Impregnated Carbon: **Ad**  
Reaction Bonded Sic: **O**

### 2 STATIONARY SEAT



Reaction Bonded Sic: **O**  
99% Aluminium Oxide: **B1**  
Nickel Bonded WC: **W**

### 3 AUXILIARY SEAL

- Fluorocarbon: **V**
- Ethylene-Propylene: **E**
- PTFE Enwrap Viton: **M1**
- Pure PTFE: **T**

### 4 SPRING

Chromium-Nickel Steel: **F**  
Cr-Ni-Mo Steel: **G**

### 5 METAL PARTS

Chromium-Nickel Steel: **F**  
Cr-Ni-Mo Steel: **G**