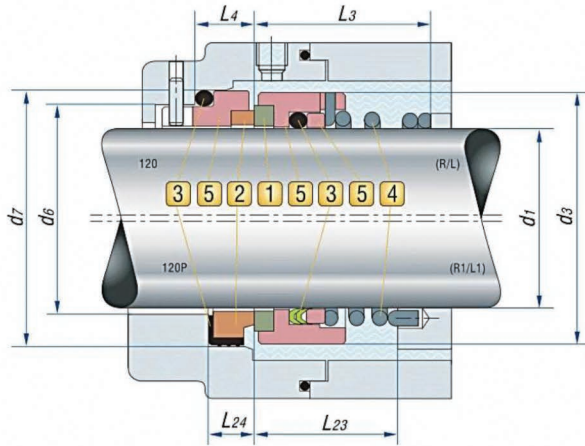


**Type 120**  
**Type 120P**

**OPERATING CONDITIONS**  
Pressure:  $P=0\sim 1.0\text{MPa}$   
Temperature:  $t=-40^{\circ}\text{C}\sim 180^{\circ}\text{C}$   
Velocity:  $V_g \leq 10\text{m/s}$



120



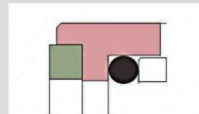
**120/ 120P DIMENSIONAL DATA (mm)**

(Size) (Diameter)	d1 (h6)	d3 (Max)	d6	d7 (H8)	L3 (±0.5)	L4	L23 (±0.5)	L24
18	18	32	27	33	26.0	10.0	18.5	6.5
20	20	34	29	35	26.5	10.0	18.5	6.5
22	22	36	31	37	27.5	10.5	19.0	6.5
25	25	39	34	40	29.5	10.5	29.0	8.0
28	28	42	37	43	28.5	11.5	28.5	8.5
30	30	44	39	45	31.5	11.5	28.5	8.5
35	35	49	44	50	34.5	11.5	28.5	8.5
38	38	54	49	56	37.0	13.0	30.5	9.5
40	40	56	51	58	37.0	13.0	30.5	9.5
45	45	61	56	63	41.0	13.0	30.5	9.5
50	50	66	62	70	41.0	14.0	34.5	10.5
55	55	71	67	75	43.0	14.0	34.5	10.5
60	60	80	72	80	44.0	14.0		
65	65	85	77	85	46.0	14.0		
70	70	90	83	92	46.0	17.0		
75	75	99	88	97	48.0	17.0		
80	80	104	95	105	48.0	17.0		



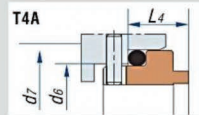
120P

**1 ROTARY FACE**

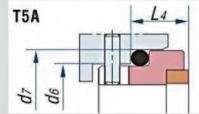


Reaction Bonded Sic: **O**  
Nickel Bonded WC: **W**

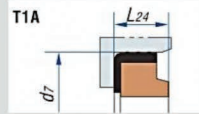
**2 STATIONARY SEAT**



Resin Impregnated Carbon: **Ak**



Reaction Bonded Sic: **O**  
Nickel Bonded WC: **W**



Reaction Bonded Sic: **O**  
Nickel Bonded WC: **W**  
Resin Impregnated Carbon: **Ak**

**3 AUXILIARY SEAL**

- Fluorocarbon: **V**
- Ethylene-Propylene: **E**
- Nitrile: **P**
- Pure PTFE: **T**

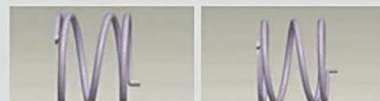
**4 SPRING**

Chromium-Nickel Steel: **F**



Left: **L**

Right: **R**



Left: **L1**

Right: **R1**

**5 METAL PARTS**

Chromium-Nickel Steel: **F**