

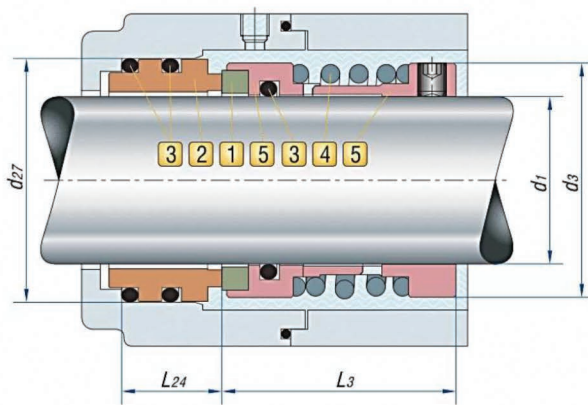
## Type 125

### OPERATING CONDITIONS

Pressure:  $P=0\sim 1.2\text{MPa}$

Temperature:  $t=-20^{\circ}\text{C}\sim 180^{\circ}\text{C}$

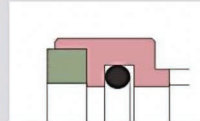
Velocity:  $V_g \leq 25\text{m/s}$



### 125 DIMENSIONAL DATA (mm)

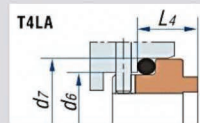
(Specification)	(Size)	$d_1$	$d_3$	$d_6$	$d_7$	$L_3$	$L_4$	$d_{27}$	$L_{24}$
	(H8)	(H8)	(Max)	(H8)	(H8)	( $\pm 0.5$ )		(H8)	
125-20	20	34	29	35	41	13	37	23	
125-22	22	36	31	37	41	13	39	23	
125-24	24	38	33	39	43	13	—	—	
125-25	25	39	34	40	43	13	40	23	
125-28	28	42	37	43	45	13	44	23	
125-30	30	44	39	45	45	13	47	24	
125-33	33	47	42	48	45	13	48	24	
125-35	35	49	44	50	49	13	51	24	
125-38	38	54	50	56	53	13	54	24	
125-40	40	56	52	58	55	13	57	24	
125-43	43	59	55	61	55	13	—	—	
125-45	45	61	57	63	55	13	61	24	
125-48	48	64	60	66	55	13	64	24	
125-50	50	66	62	68	60	13	67	24	
125-53	53	69	65	71	61	13	—	—	
125-55	55	71	67	73	61	13	73	24	
125-58	58	76	70	79	63	16	76	24	
125-60	60	78	72	81	63	16	80	26	
125-63	63	81	75	84	63	16	83	26	
125-65	65	83	77	86	67	16	86	26	
125-70	70	90	83	92	68	16	89	26	
125-75	75	95	88	97	72	16	95	26	
125-80	80	100	96	105	72	16	99	26	
125-85	85	105	101	110	77	16	108	26	
125-90	90	110	106	115	77	16	111	26	
125-95	95	115	111	120	82	16	114	26	
125-100	100	120	116	125	82	16	118	26	

### 1 ROTARY FACE



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

### 2 STATIONARY SEAT

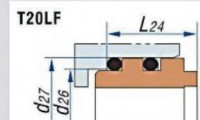


T4LA

$d_7$   
 $d_6$

$L_4$

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



T20LF

$d_{27}$   
 $d_{26}$

$L_{24}$

### 3 AUXILIARY SEAL

- Fluorocarbon: **V**
- Ethylene-Propylene: **E**
- Nitrile: **P**
- Silicone-Rubber: **S**

### 4 SPRING

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

### 5 METAL PARTS

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