

# PNL

**SECTORS:**



**CHARACTERISTICS:**

- Unbalanced.
- Single Cylindrical Spring
- Not dependent on the rotation direction.

**OPERATING LIMITS:**

$d_1 = 8 \text{ to } 40 \text{ mm}$        $p = 12 \text{ kg/cm}^2$   
 $v = 10 \text{ m/s}$                $t = -20 \text{ to } +120^\circ\text{C}^*$

(\* The temperature resistance depends on the material of the secondary seals used.

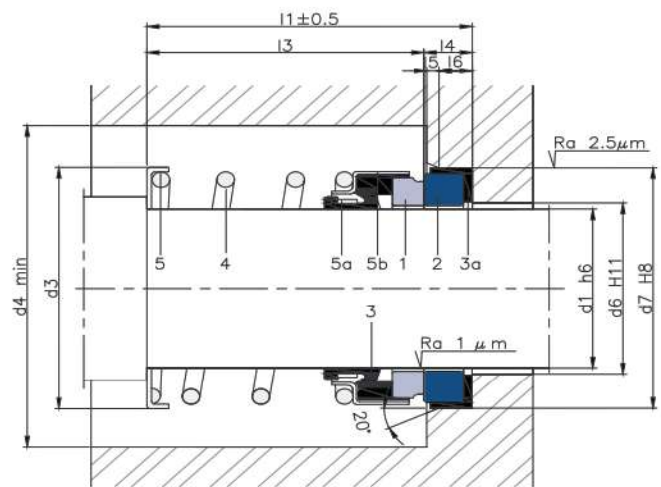
The operating limits are defined by the PV factor which is determined for the sealing system characteristics and those of the application.

**DESCRIPTION:**

Mechanical seal with a simple design for general use.

**COMPONENTS:**

- 1 Rotating contact surface
- 2 Stationary contact surface
- 3 Bellows
- 3a Elastomeric Cup
- 4 Spring
- 5 Ring
- 5a Drive ring
- 5b Metal frame



**DIMENSIONS CHART**      Dimensions in mm

Shaft mm	Rotary part			Stationary part					Total length l <sub>1</sub>
	d <sub>3</sub>	d <sub>4</sub>	l <sub>3</sub>	d <sub>6</sub>	d <sub>7</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	
8	22	27	15.5	14	26.00	5.5	0.5	4.5	21.0
10	22	27	15.5	14	26.00	5.5	0.5	4.5	21.0
11	22	27	15.5	14	26.00	5.5	0.5	4.5	21.0
12	22	27	15.5	14	26.00	5.5	0.5	4.5	21.0
13A	28	33	18.0	17	29.50	8.0	1.0	6.0	26.0
13B	32	37	13.0	17	29.50	8.0	1.0	6.0	21.0
14B	28	33	18.0	17	29.50	8.0	1.0	6.0	26.0
14C	28	33	22.0	19	23.10	6.0	1.2	3.0	28.0
14A	32	37	13.0	17	29.50	8.0	1.0	6.0	21.0
15A	28	33	18.0	17	29.50	8.0	1.0	6.0	26.0
15B	32	37	13.0	17	29.50	8.0	1.0	6.0	21.0
16C	28	33	18.0	17	29.50	8.0	1.0	6.0	26.0
16F	28	33	23.0	21	26.90	7.0	1.5	4.0	30.0
16E	31	36	29.0	17	29.50	8.0	1.0	6.0	37.0
16A	32	37	13.0	17	29.50	8.0	1.0	6.0	21.0
16D	32	37	13.0	17	42.00	8.0	1.0	6.0	21.0
16B	33	38	16.3	17	29.50	8.0	1.0	6.0	24.0
18A	32	37	24.0	20	42.00	8.0	1.0	6.0	32.0
18B	32	37	24.0	25	30.90	8.0	1.5	4.0	32.0
19.05	32	37	19.0	22	35.00	10.2	1.2	7.8	24.0
19.05	32	37	22.0	22	35.00	10.2	1.2	7.8	32.2
20A	32	37	22.0	22	42.00	8.0	1.0	6.0	30.0
20B	44	49	14.0	22	42.00	8.0	1.0	6.0	22.0
22A	39	44	25.0	30	35.40	8.0	2.0	4.0	33.0
22	44	49	14.0	23	42.00	8.0	1.0	6.0	22.0
25.4	42	47	27.2	29	41.25	11.0	1.5	8.5	38.2
30B	52	57	28.0	33	52.00	12.0	1.5	8.5	40.0
30A	60	65	22.0	33	52.00	12.0	1.5	8.5	34.0
31.75	52	57	49.2	34	47.62	11.0	1.5	8.5	60.2
40	63	68	35.0	45	68.00	12.0	1.5	8.5	47.0

Dimensions subject to changes or modifications.