AR / ARB31

SECTORS:

CHARACTERISTICS:

- Unbalanced.
- Not dependent on the rotation direction
- Single cylindrical spring.

OPERATING LIMITS:

d_1= 6 to 70 mm p= 6 kg/cm²

v= 10 m/s t= -20 to +140ºC (*)

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

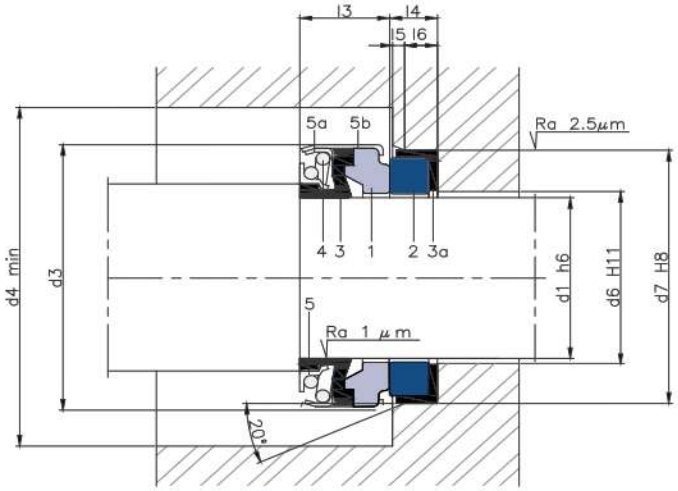
The operating limits are defined by the PV factor which is determined for the sealing system characteristics and those of the application.

DESCRIPTION:

Economic mechanical seal with small dimensions, used in large household pump productions for recirculating water or for working conditions with low demands.

COMPONENTS:

1 Rotating contact surface
2 Stationary contact surface
3 Bellows
3a Elastomeric cup
4 Spring
5 Ring
5a Blocking ring
5b Metal frame



DIMENSIONS CHART Dimensions in mm

Shaft	Rotary part				Stationary part				
mm	d_3	d_4	l_3		d_6	d_7	l_4	l_5	l_6
6	18	23	8.0	+0.5	8	22.0	4.0	0.5	3.5
6 A	18	23	11.0	+0.5	8	22.0	4.0	0.5	3.5
8	20	23	11.0	+0.5	10	22.0	4.0	0.5	3.5
8 A	20	27	11.0	+0.5	10	26.0	5.5	1.0	5.0
8 B	24	27	11.0	+0.5	10	26.0	8.0	1.0	6.0
10	24	27	11.0	+0.5	12	26.0	8.0	1.0	6.0
11	24	27	11.0	+0.5	13	26.0	8.0	1.0	6.0
11 A	24	27	13.0	+0.5	13	26.0	8.0	1.0	6.0
12 A	24	27	11.0	+0.5	14	26.0	8.0	1.0	6.0
12 B	24	27	12.8	+0.7	14	26.0	8.0	1.0	6.0
12 C	24	27	13.0	+0.7	14	26.0	5.5	1.0	6.0
13	24	27	12.8	+0.7	15	26.0	8.0	1.0	6.0
13 A	24	27	13.0	+0.7	15	26.0	5.5	1.0	6.0
14 A	32	35	12.8	+0.7	16	29.5	8.0	1.0	6.0
14 B	28	30	12.8	+0.7	18	28.5	7.5	1.0	5.5
14 C	28	30	13.0	+0.7	18	28.5	8.0	1.0	5.5
15	32	35	12.8	+0.7	17	29.5	8.0	1.0	6.0
15 A	28	35	13.0	+0.7	17	30.0	8.0	1.0	6.0
16 A	32	35	12.8	+0.7	18	29.5	8.0	1.0	6.0
16 B	39	43	12.8	+0.7	18	38.0	8.0	1.0	6.0
17	39	43	12.8	+0.7	19	42.0	8.0	1.0	6.0
18	39	43	12.8	+0.7	20	42.0	8.0	1.0	6.0
19	39	43	12.8	+0.7	21	42.0	8.0	1.0	6.0
20 A	39	43	12.8	+0.7	22	42.0	8.0	1.0	6.0
20 B	42	47	12.8	+0.7	22	45.0	10.0	1.0	8.0
22	42	47	12.8	+0.7	24	45.0	10.0	1.0	8.0
22 A	39	47	13.0	+0.7	24	42.0	8.0	1.0	8.0
23	47	52	13.5	+1.0	25	50.0	10.0	1.0	8.0
24	47	52	13.5	+1.0	26	50.0	10.0	1.0	8.0
25 A	42	52	13.5	+1.0	27	50.0	10.0	1.0	8.0
25 B	47	52	13.5	+1.0	27	50.0	10.0	1.0	8.0
25 C	42	52	13.0	+1.0	27	45.0	10.0	1.0	8.0
26	47	52	13.5	+1.0	29	50.0	10.0	1.0	8.0
27	47	52	13.5	+1.0	30	50.0	10.0	1.0	8.0
28	54	60	15.0	+1.0	31	57.0	10.0	1.0	8.0
30	54	60	15.0	+1.0	33	57.0	10.0	1.0	8.0
32	54	60	15.0	+1.0	35	57.0	10.0	1.0	8.0
35	60	70	16.0	+1.0	38	63.0	10.0	1.0	8.0
38	65	75	18.0	+1.0	41	68.0	12.0	2.0	9.0
40	65	75	18.0	+1.0	43	68.0	12.0	2.0	9.0
45	70	80	20.0	+1.0	48	73.0	12.0	2.0	9.0
50	85	95	23.0	+1.0	53	88.0	15.0	2.0	12.0
55	85	95	23.0	+1.0	95	88.0	15.0	2.0	12.0
60	105	115	30.0	+1.0	63	110.0	15.0	2.0	12.0
65	105	115	30.0	+1.0	68	110.0	15.0	2.0	12.0
70	105	115	32.0	+1.0	73	110.0	15.0	2.0	12.0

Dimensions subject to changes or modifications.