

AWS70 / AWS71

SECTORS:



CHARACTERISTICS:

- Unbalanced.
- System attached to the shaft by allen screws.
- Not dependent on the rotation direction.

OPERATING LIMITS:

$d_1 = 15.8$ to 100 mm $p = 10$ kg/cm²
 $v = 15$ m/s $t = -15$ to $+200^\circ\text{C}$ (*)

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

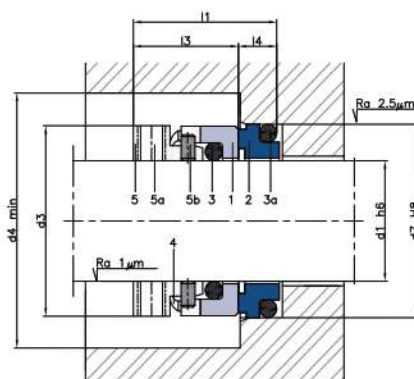
The operating limits are defined by the PV factor which is determined for the sealing system characteristics and those of the application.

DESCRIPTION:

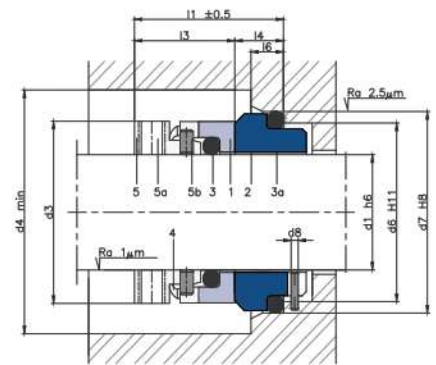
This mechanical seal is designed for internal and external mounting. Its small mounting size makes it ideal for using in lobe pumps. The wave spring cannot be blocked or obstructed when working with fluids laden with particles, sticky or viscous fluids. The fact that the rotating part of the mechanical seal is made of stainless steel (the most habitual combination) makes it a resistant, robust seal.

COMPONENTS:

- 1 Rotating contact surface
- 2 Stationary contact surface
- 3 O-rings
- 3a O-rings
- 4 Springs
- 5 Metal frame
- 5a Set screws
- 5b Coupling pin



TYPE AWS70



TYPE AWS71

DIMENSIONS CHART Dimensions in mm

(mm)	d ₃	d ₄	l ₃	AWS70			AWS71							
				d ₇	l ₄	l ₁	d ₆	d ₇	d ₈	l ₄	l ₆	l ₁		
15.8	27	30	19.1	28.5	6.3	25.4	-	-	-	-	-	-	-	-
16	27	31	19.1	28.5	6.3	25.4	21	27	3	8.6	7	27.7	-	-
18	29	33	19.1	-	-	-	27	33	3	10	9	29.1	-	-
19.1	30	33	19.1	31.7	6.3	25.4	-	-	-	-	-	-	-	-
20	32	36	19.1	-	-	-	29	35	3	10	9	29.1	-	-
22	34	38	19.1	-	-	-	31	37	3	10	9	29.1	-	-
24	34	38	19.1	35.4	7.6	26.7	33	39	3	10	9	29.1	-	-
25	35	39	19.1	-	-	-	34	40	3	10	9	29.1	-	-
28	40	44	19.1	42	7.6	26.7	37	43	3	10	9	29.1	-	-
28.6	39.5	42.5	19.1	41.2	7.6	26.7	-	-	-	-	-	-	-	-
30	41	45	19.1	42.7	7.6	26.7	39	45	3	10	9	29.1	-	-
31.7	42.4	45.4	19.1	44.2	7.6	26.7	-	-	-	-	-	-	-	-
32	43	47	19.1	44.4	7.6	26.7	42	48	3	10	9	29.1	-	-
33	44	48	19.1	-	-	-	42	48	3	10	9	29.1	-	-
35	46	50	19.1	47.6	7.6	26.7	44	50	3	10	9	29.1	-	-
38	52	56	21.1	53.9	8.1	29.2	49	56	4	11	10	32.1	-	-
40	55	59	21.1	-	-	-	51	58	4	11	10	32.1	-	-
43	58	62	21.1	-	-	-	54	61	4	11	10	32.1	-	-
44.4	58.2	61.2	21.1	60.3	8.1	29.2	-	-	-	-	-	-	-	-
45	60	64	21.1	-	-	-	56	63	4	11	10	32.1	-	-
47.6	61.4	64.4	21.1	63.5	8.1	29.2	-	-	-	-	-	-	-	-
48	62	66	21.1	-	-	-	59	66	4	11	10	32.1	-	-
50	62	66	21.1	63.9	8.1	29.2	62	70	4	13	11	34.1	-	-
50.8	64.6	67.6	22.1	66.6	9.6	31.7	-	-	-	-	-	-	-	-
53	71	75	22.1	-	-	-	65	73	4	13	11	35.1	-	-
53.9	71	74	22.1	73	9.6	31.7	-	-	-	-	-	-	-	-
54	71	74	22.1	73.9	9.6	31.7	-	-	-	-	-	-	-	-
54.6	72	75	22.1	75	9.6	31.7	-	-	-	-	-	-	-	-
55	72	76	22.1	75	9.6	3.7	67	75	4	13	11	35.1	-	-
58	78	82	25.8	-	-	-	70	78	4	13	11	38.8	-	-
60	79	83	25.8	-	-	-	72	80	4	13	11	38.8	-	-
63	79.3	82.3	25.8	83	9.1	34.9	75	83	4	13	11	38.8	-	-
63.5	79.3	82.3	25.8	88.9	9.1	34.9	-	-	-	-	-	-	-	-
65	87	91	25.8	-	-	-	77	85	4	13	11	38.8	-	-
68	89	93	25.8	-	-	-	81	90	4	15.3	12	41.1	-	-
69.8	88.9	91.9	25.8	95.2	9.1	34.9	-	-	-	-	-	-	-	-
70	89	93	25.8	-	-	-	83	92	4	15.3	12	41.1	-	-
73	94	97	25.8	98.4	9.1	34.9	-	-	-	-	-	-	-	-
75	96	100	25.8	100.4	9.1	34.9	88	97	4	15.3	12	41.1	-	-
76.2	96.9	99.9	25.8	101.6	9.1	34.9	-	-	-	-	-	-	-	-
80	101	105	25.8	104	9.1	34.9	95	105	4	15.7	13	41.5	-	-
85	108	112	25.8	-	-	-	100	110	4	15.7	13	41.5	-	-
90	113	117	25.8	-	-	-	105	115	4	15.7	13	41.5	-	-
95	116	120	25.8	125	9.1	34.9	110	120	4	15.7	13	41.5	-	-
100	121	125	25.8	130	9.1	34.9	115	125	4	15.7	13	41.5	-	-

Dimensions subject to changes or modifications.