AWS30 / AWS30A

SECTORS:

CHARACTERISTICS:

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

OPERATING LIMITS:

d_1= 18 to 100 mm p= 35 kg/cm²

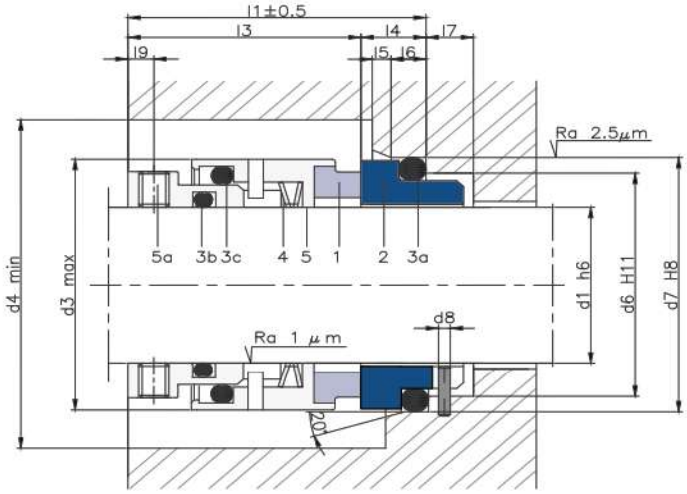
v= 20 m/s t= -15 to+200ºC (*)

(*) 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.

COMPONENTS:

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



DESCRIPTION:

The wave spring is protected from the fluid. Ideal for using in cleaning processes since the possibility of particles adhering to the seal is considerably reduced. Internally balanced, with no need for a stepped shaft (AWS10B). Suitable for working in applications with high pressures. The O-ring resting on the shaft does not cause wear as there is no axial movement (changes in pressure).
Seal compliant with standard EN 12756 (KU).
Standard L16 type stationary part (AWS30).

DIMENSIONS CHART Dimensions in mm

Shaft	Rotary part					Stationary part								Total length
mm	d_3	d_4	l_3	l_{3A}	l_9	d_6	d_7	d_8	l_4	l_{4A}	l_5	l_6	l_7	l_1
18	32	34	30.5	28.5	3.0	27	33	3	7.0	9.0	2.0	4	8.5	37.5
20	34	36	30.5	28.5	3.0	29	35	3	7.0	9.0	2.0	5	8.5	37.5
22	36	38	30.5	28.5	3.0	31	37	3	7.0	9.0	2.0	5	9.0	37.5
24	38	40	33.0	31.0	3.5	33	39	3	7.0	9.0	2.0	5	9.0	40.0
25	39	41	33.0	31.0	3.5	34	40	3	7.0	9.0	2.0	5	9.0	40.0
28	42	44	35.5	33.0	3.5	37	43	3	7.0	9.5	2.0	5	9.0	42.5
30	44	46	35.5	33.0	3.5	39	45	3	7.0	9.5	2.0	5	9.0	42.5
32	47	48	35.5	33.0	3.5	42	48	3	7.0	9.5	2.0	5	9.0	42.5
33	47	49	35.5	33.0	3.5	42	48	3	7.0	9.5	2.0	5	9.0	42.5
35	49	51	35.5	33.0	3.5	44	50	3	7.0	9.5	2.0	5	9.0	42.5
38	54	58	37.0	34.5	4.0	49	56	4	8.0	10.5	2.0	6	9.0	45.0
40	56	60	37.0	34.5	4.0	51	58	4	8.0	10.5	2.0	6	9.0	45.0
43	59	63	37.0	34.5	4.0	54	61	4	8.0	10.5	2.0	6	9.0	45.0
45	61	65	37.0	34.5	4.0	56	63	4	8.0	10.5	2.0	6	9.0	45.0
48	64	68	37.0	34.5	4.0	59	66	4	8.0	10.5	2.0	6	9.0	45.0
50	66	70	38.0	35.5	4.5	62	70	4	9.5	12.0	2.5	6	9.0	47.5
53	69	73	38.0	35.5	4.5	65	73	4	9.5	12.0	2.5	6	9.0	47.5
55	71	75	38.0	35.5	4.5	67	75	4	9.5	12.0	2.5	6	9.0	47.5
58	78	83	42.0	39.5	4.5	70	78	4	10.5	13.0	2.5	6	9.0	52.5
60	80	85	42.0	39.5	4.5	72	80	4	10.5	13.0	2.5	6	9.0	52.5
63	83	88	42.0	39.5	4.5	75	83	4	10.5	13.0	2.5	6	9.0	52.5
65	85	90	42.0	39.5	4.5	77	85	4	10.5	13.0	2.5	6	9.0	52.5
68	88	93	41.5	39.0	4.5	81	90	4	11.0	13.5	2.5	7	9.0	52.5
70	90	95	48.5	46.0	5.0	83	92	4	11.5	14.0	2.5	7	9.0	60.0
75	99	104	48.5	46.0	5.5	88	97	4	11.5	14.0	2.5	7	9.0	60.0
80	104	109	48.5	46.0	5.5	95	105	4	11.5	14.0	3.0	7	9.0	60.0
85	109	114	48.5	46.0	5.5	100	110	4	11.5	14.0	3.0	7	9.0	60.0
90	114	119	52.0	49.5	5.5	105	115	4	13.0	15.5	3.0	7	9.0	65.0
95	119	124	52.0	49.5	5.5	110	120	4	13.0	15.5	3.0	7	9.0	65.0
100	124	129	52.0	49.5	5.5	115	125	4	13.0	15.5	3.0	7	9.0	65.0

Dimensions subject to changes or modifications.