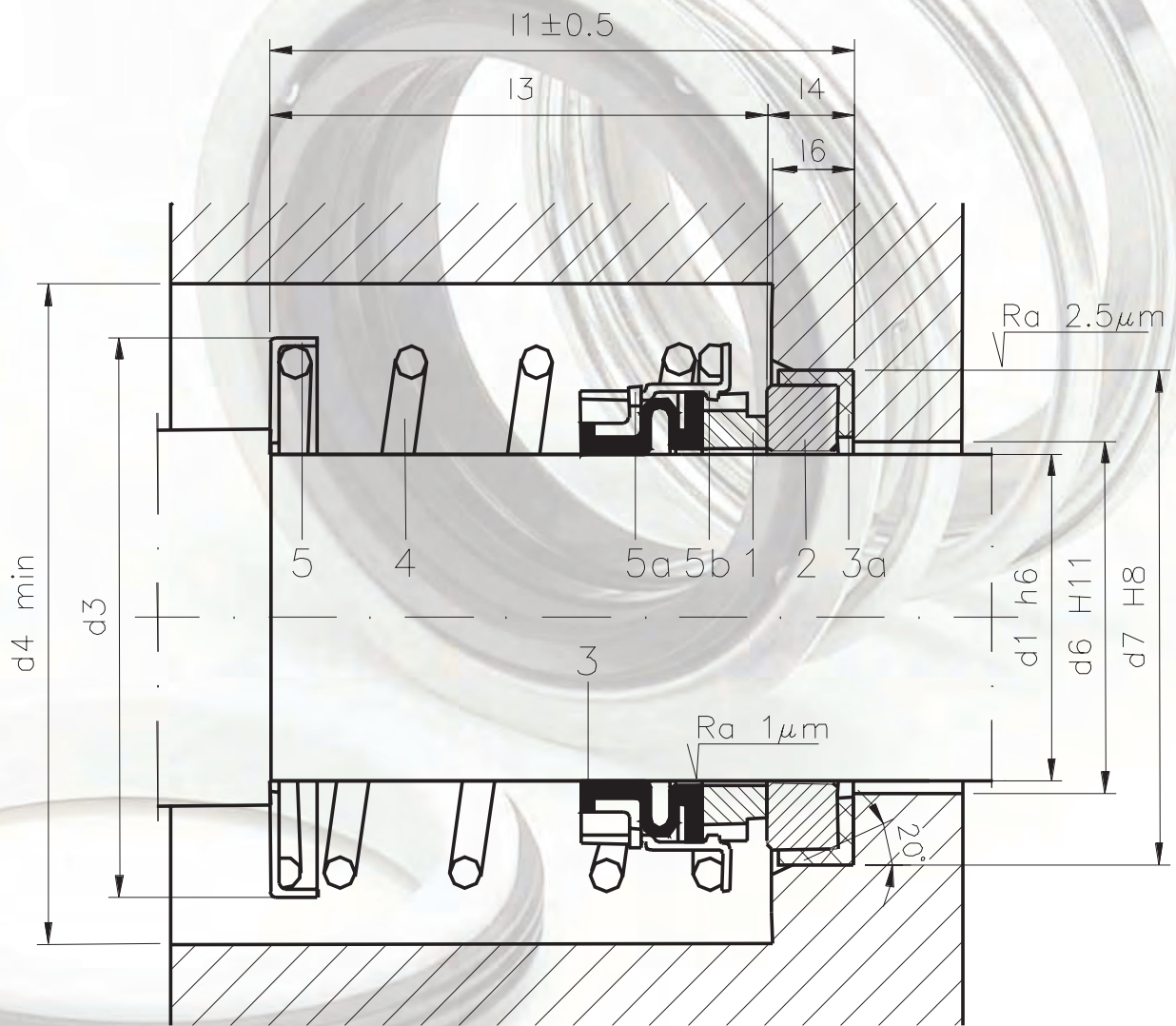


MECHANICAL SEALS

TYPE 100

LIDERING



OPERATING LIMITS

$d_1 = 9.52 \div 101.6 \text{ mm}$

$p = 14 \text{ Kg/cm}^2$

$v = 13 \text{ m/s}$

$t = -20 \div +200^\circ\text{C}$

The operating limits depend on the PV factor

MATERIALS

BVPFF

BQPFF

QQPFF

BVVFF

BQVFF

QQVFF

BVEFF

BQEFF

QQEFF

COMPONENTS

1 Rotative face

2 Stationary face

3 Bellows

3a Rubber parts

4 Spring

5 Ring

5a Block ring

5b Metal frame

Available in other materials

Mechanical Seals

100

Bellows mechanical seal, balanced,
single spring, independent on
direction of rotation.



DIMENSIONS TABLE (Measures in mm. subject to change)

Ref.	d ₁	d ₃	d ₄	d ₆	d ₇	l ₁	l ₃	l ₄	l ₆
3/8	9.52	28	32	11.0	24.6	33.7	25	8.7	7.1
1/2	12.70	32	36	13.5	27.8	33.7	25	8.7	7.1
5/8	15.87	35	39	17.0	30.9	35.5	25	10.5	8.7
3/4	19.05	40	44	20.0	34.1	35.5	25	10.5	8.7
13/16	20.63	41	45	22.0	35.7	35.5	25	10.5	8.7
7/8	22.22	43	47	23.0	37.3	35.5	25	10.5	8.7
1	25.40	47	51	26.5	40.5	35.5	25	10.5	8.7
1 1/8	28.57	56	60	29.5	47.6	45.0	33	12.0	10.3
1 1/4	31.75	59	63	32.5	50.8	45.0	33	12.0	10.3
1 3/8	34.92	63	67	36.5	54.0	45.0	33	12.0	10.3
1 1/2	38.10	67	71	39.5	57.1	45.0	33	12.0	10.3
1 5/8	41.27	71	75	42.5	60.3	45.0	33	12.0	10.3
1 3/4	44.45	74	78	46.0	63.5	53.0	41	12.0	10.3
1 7/8	47.62	77	81	49.0	66.7	53.0	41	12.0	10.3
2	50.80	81	85	52.0	69.8	54.5	41	13.5	12.0
2 1/8	53.97	84	88	55.5	73.1	54.5	41	13.5	12.0
2 1/4	57.15	88	92	58.5	76.2	54.5	41	13.5	12.0
2 3/8	60.32	91	95	61.5	79.4	54.5	41	13.5	12.0
2 1/2	63.50	94	98	65.0	82.5	54.5	41	13.5	12.0
2 5/8	66.67	100	104	68.0	92.1	65.0	49	16.0	14.3
2 3/4	69.85	103	107	71.0	95.2	65.0	49	16.0	14.3
2 7/8	73.02	108	112	74.5	98.4	68.0	52	16.0	14.3
3	76.20	111	115	77.5	101.6	68.0	52	16.0	14.3
3 1/8	79.37	118	122	80.5	111.1	76.0	56	20.0	18.3
3 1/4	82.55	121	125	84.0	114.3	76.0	56	20.0	18.3
3 3/8	85.72	125	129	87.0	117.5	76.0	56	20.0	18.3
3 1/2	88.90	128	132	90.5	120.6	76.0	56	20.0	18.3
3 5/8	92.07	131	135	93.5	123.8	79.0	59	20.0	18.3
3 3/4	95.25	134	138	96.5	127.0	79.0	59	20.0	18.3
3 7/8	98.42	139	143	100.0	130.2	82.0	62	20.0	18.3
4	101.60	142	146	103.0	133.3	82.0	62	20.0	18.3

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