

# **MECHANICAL SEALS**

**TYPE 270**

**LIDERING**

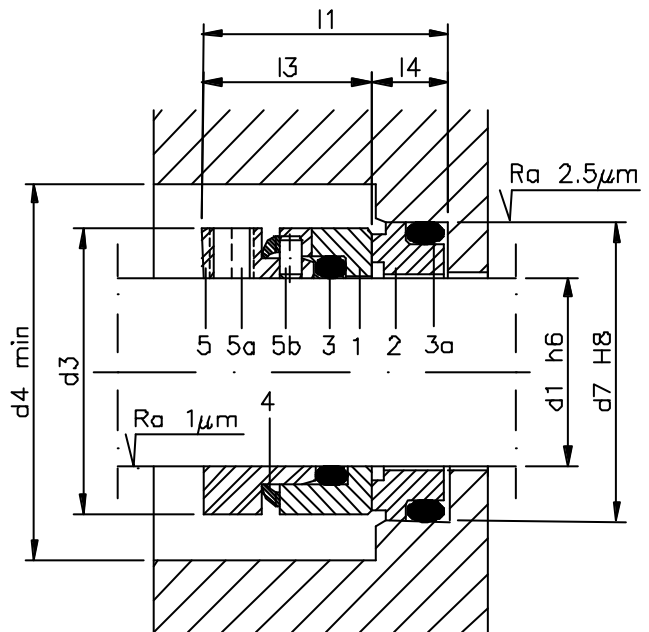
### OPERATING LIMITS

$d_1$	= 15,8 ÷ 100 mm
$p$	= 10 Kg/cm <sup>2</sup>
$v$	= 15 m/s
$t$	= -15 ÷ +200°C

The operating limits depend on the PV factor

### COMPONENTS

1	Rotative face
2	Stationary face
3	O-ring
3a	O-ring
4	Spring
5	Metal frame
5a	Set screw
5b	Ring



### REFERENCE

### MATERIALS

270 -- GBPGG	SS AISI 316	Graphite	NBR	SS AISI 316
270 -- GBVGG	SS AISI 316	Graphite	FKM	SS AISI 316
270 -- GBEGG	SS AISI 316	Graphite	EPDM	SS AISI 316
270 -- QQPGG	Silicon carbide	Silicon carbide	NBR	SS AISI 316
270 -- QQVGG	Silicon carbide	Silicon carbide	FKM	SS AISI 316
270 -- QQEGG	Silicon carbide	Silicon carbide	EPDM	SS AISI 316
270 -- QBPGG	Silicon carbide	Graphite	NBR	SS AISI 316
270 -- QBVGG	Silicon carbide	Graphite	FKM	SS AISI 316
270 -- QBEGG	Silicon carbide	Graphite	EPDM	SS AISI 316

Available in other materials

# TYPE 270

Mechanical seal with wave spring, unbalanced, independent on direction of rotation.

**DIMENSIONS TABLE** (Measures in mm. subject to change)

Ref.	d <sub>1</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>7</sub>	L <sub>1</sub>	L <sub>3</sub>	L <sub>4</sub>
15.8	15.8	27.0	30.0	28.5	25.4	19.1	6.3
16.0	16.0	27.0	30.0	28.5	25.4	19.1	6.3
19.1	19.1	30.0	33.0	31.7	25.4	19.1	6.3
24.0	24.0	34.1	37.1	35.4	26.7	19.1	7.6
28.0	28.0	40.0	43.0	42.0	26.7	19.1	7.6
28.6	28.6	39.5	42.5	41.2	26.7	19.1	7.6
30.0	30.0	41.0	44.0	42.7	26.7	19.1	7.6
31.7	31.7	42.4	45.4	44.2	26.7	19.1	7.6
32.0	32.0	42.4	45.4	44.4	26.7	19.1	7.6
35.0	35.0	45.5	48.5	47.6	26.7	19.1	7.6
38.0	38.0	51.8	54.8	53.9	29.2	21.1	8.1
44.4	44.4	58.2	61.2	60.3	29.2	21.1	8.1
47.6	47.6	61.4	64.4	63.5	29.2	21.1	8.1
50.0	50.0	61.9	64.9	63.9	29.2	21.1	8.1
50.8	50.8	64.6	67.6	66.6	31.7	22.1	9.6
53.9	53.9	71.0	74.0	73.0	31.7	22.1	9.6
54.0	54.0	71.0	74.0	73.9	31.7	22.1	9.6
54.6	54.6	72.0	75.0	75.0	31.7	22.1	9.6
55.0	55.0	72.0	75.0	75.0	31.7	22.1	9.6
63.0	63.0	79.3	82.3	83.0	34.9	25.8	9.1
63.5	63.5	79.3	82.3	88.9	34.9	25.8	9.1
69.8	69.8	88.9	91.9	95.2	34.9	25.8	9.1
73.0	73.0	94.0	97.0	98.4	34.9	25.8	9.1
75.0	75.0	96.0	99.0	100.4	34.9	25.8	9.1
76.2	76.2	96.9	99.9	101.6	34.9	25.8	9.1
80.0	80.0	101.0	104.0	104.0	34.9	25.8	9.1
95.0	95.0	116.0	119.0	125.0	34.9	25.8	9.1
100.0	100.0	121.0	124.0	130.0	34.9	25.8	9.1



**LIDERING**



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