

# **MECHANICAL SEALS**

**TYPE 105**

**LIDERING**

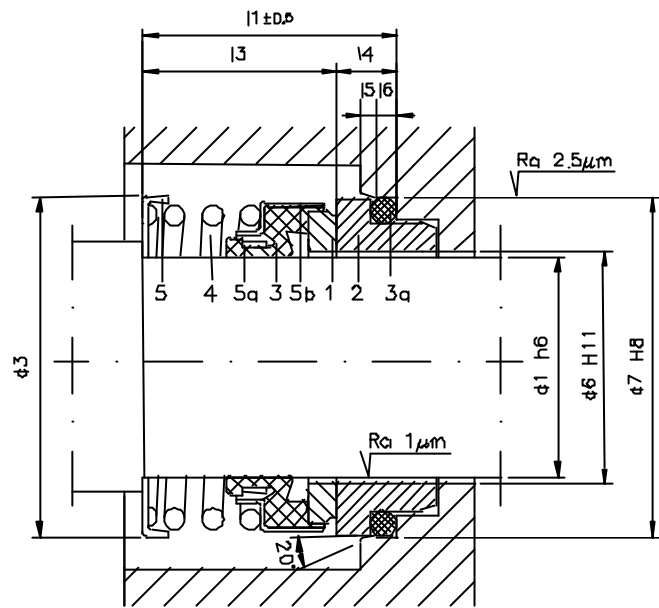
### OPERATING LIMITS

$d_1$	= 20 ÷ 40 mm
$p$	= 10 Kg/cm <sup>2</sup>
$v$	= 10 m/s
$t$	= -15 ÷ +200°C

The operating limits depend on the PV factor

### COMPONENTS

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



### REFERENCE

### MATERIALS

105 -- BVPFF	Graphite	Aluminium oxide	NBR	SS AISI 304
105 -- BVVFF	Graphite	Aluminium oxide	FKM	SS AISI 304
105 -- BVEFF	Graphite	Aluminium oxide	EPDM	SS AISI 304
105 -- QQPFF	Silicon carbide	Silicon carbide	NBR	SS AISI 304
105 -- QQVFF	Silicon carbide	Silicon carbide	FKM	SS AISI 304
105 -- QQEFF	Silicon carbide	Silicon carbide	EPDM	SS AISI 304
105 -- BQPFF	Graphite	Silicon carbide	NBR	SS AISI 304
105 -- BQVFF	Graphite	Silicon carbide	FKM	SS AISI 304
105 -- BQEFF	Graphite	Silicon carbide	EPDM	SS AISI 304

Available in other materials

# TYPE 105

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

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

Ref.	d <sub>1</sub>	d <sub>3</sub>	d <sub>6</sub>	d <sub>7</sub>	L <sub>1</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>
20	20	34.0	25	30.9	33.7	27.2	6.50	1.5	4
25	25	40.0	33	38.2	36.0	29.0	7.00	2.0	4
30	30	46.5	38	43.3	38.5	31.5	7.00	2.0	4
32	32	46.5	38	43.3	38.5	31.5	7.00	2.0	4
35	35	51.5	45	53.5	40.5	31.5	9.00	2.0	6
40	40	58.0	52	60.5	41.3	32.3	9.00	2.0	6



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