

MECHANICAL SEALS

TYPE 107-L4

LIDERING

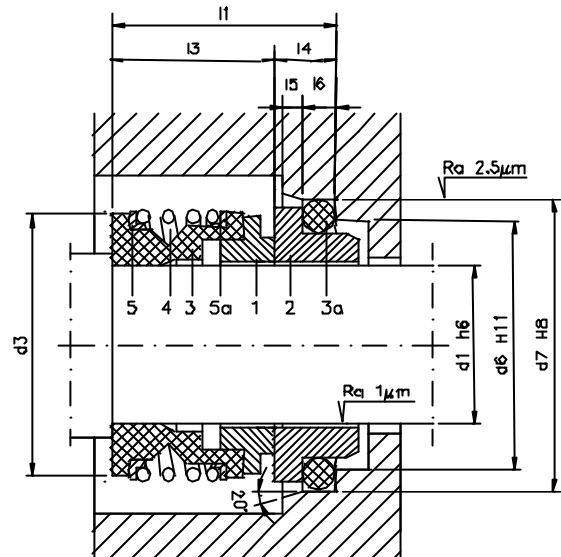
OPERATING LIMITS

d_1	= 10 ÷ 75 mm
p	= 12 Kg/cm ²
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	Ring



REFERENCE

MATERIALS

107 -- L4 BVPFF	Graphite	Aluminium oxide	NBR	SS AISI 304
107 -- L4 BVVFF	Graphite	Aluminium oxide	FKM	SS AISI 304
107 -- L4 BVEFF	Graphite	Aluminium oxide	EPDM	SS AISI 304
107 -- L4 QQPFF	Silicon carbide	Silicon carbide	NBR	SS AISI 304
107 -- L4 QQVFF	Silicon carbide	Silicon carbide	FKM	SS AISI 304
107 -- L4 QQEFF	Silicon carbide	Silicon carbide	EPDM	SS AISI 304
107 -- L4 BQPFF	Graphite	Silicon carbide	NBR	SS AISI 304
107 -- L4 BQVFF	Graphite	Silicon carbide	FKM	SS AISI 304
107 -- L4 BQEFF	Graphite	Silicon carbide	EPDM	SS AISI 304

Available in other materials

TYPE 107-L4

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

DIMENSIONS TABLE (Measures in mm. subject to change)

Ref.	d ₁	d ₃	d ₆	d ₇	L ₁	L ₃	L ₄	L ₅	L ₆
10	10	22.5	15.5	19.2	21.1	14.5	6.6	1.2	3.8
12	12	25.0	17.5	21.6	20.6	15.0	5.6	1.2	3.8
14	14	28.5	20.5	24.6	22.6	17.0	5.6	1.2	3.8
15	15	28.5	20.5	24.6	23.6	17.0	6.6	1.2	3.8
16	16	28.5	22.0	28.0	24.5	17.0	7.5	1.5	5.0
18	18	32.0	24.0	30.0	27.5	19.5	8.0	1.5	5.0
20	20	37.0	29.5	35.0	29.0	21.5	7.5	1.5	5.0
22	22	37.0	29.5	35.0	29.0	21.5	7.5	1.5	5.0
24	24	42.5	32.0	38.0	30.0	22.5	7.5	1.5	5.0
25	25	42.5	32.0	38.0	30.5	23.0	7.5	1.5	5.0
28	28	49.0	36.0	42.0	35.5	26.5	9.0	1.5	5.0
30	30	49.0	39.2	45.0	37.0	26.5	10.5	1.5	5.0
32	32	53.5	42.2	48.0	38.0	27.5	10.5	1.5	5.0
33	33	53.5	44.2	50.0	38.5	27.5	11.0	1.5	5.0
35	35	57.0	46.2	52.0	40.5	28.5	12.0	1.5	5.0
38	38	59.0	49.2	55.0	41.3	30.0	11.3	1.5	5.0
40	40	62.0	52.2	58.0	41.8	30.0	11.8	1.5	5.0
43	43	65.5	53.3	62.0	43.2	30.0	13.2	2.0	6.0
45	45	68.0	55.3	64.0	42.8	30.0	12.8	2.0	6.0
48	48	70.5	59.7	68.4	43.3	30.5	12.8	2.0	6.0
50	50	74.0	60.8	69.3	43.3	30.5	12.8	2.0	6.0
53	53	78.5	63.8	72.3	46.5	33.0	13.5	2.0	6.0
55	55	81.0	66.5	75.4	49.5	35.0	14.5	2.0	6.0
58	58	85.5	69.5	78.4	51.5	37.0	14.5	2.0	6.0
60	60	88.5	71.5	80.4	52.5	38.0	14.5	2.0	6.0
65	65	93.5	76.5	85.4	54.2	40.0	14.2	2.0	6.0
68	68	96.5	82.7	91.5	54.9	40.0	14.9	2.0	6.0
70	70	99.5	83.0	92.0	54.2	40.0	14.2	2.0	6.0
75	75	107.0	90.2	99.0	55.2	40.0	15.2	2.0	6.0



Tolerances L₁ d₁ 10...12 mm ± 0.5; 14...18 mm ± 1.0; 20...26 mm ± 1.5; 28...100 mm ± 2.0

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