

Single-seal

LATTYSEAL U 1212

Dynamic sealing through complete, unbalanced mechanical seal

IT'S CONICAL SPRING CONCEPT MAKES IT DEPENDENT ON DIRECTION OF ROTATION

- WITHSTANDS EXTREME CONDITIONS
- OPTIONAL TUNGSTEN CARBIDE POSSIBLE FOR INSTALLATION IN MORE SEVERE OPERATING CONDITIONS.



OPERATING PARAMETERS (NOT ASSOCIATED)

Pressure : 0 to 10 bar
Temperature : -20 °C to 180°C
Speed : 10 m/s

COMPOSITION

FKM O-ring, right (R) or left (L) winding spring (R U6U6 V or L U6U6 V). Supplied with friction faces made of pure silicon carbide (U6) and a kit of ethylene-propylene (E) O-rings

TYPES OF INDUSTRIES



FLUIDS

All slightly corrosive, abrasive and non-clogging fluids.

GUIDELINES, STANDARDS AND APPROVALS (ON REQUEST)



d1 nominal h6	d3	d4 mini	d6 H 11	d7 H8	d9 mini	L1 ± 0,5	L3	L4	L5 ± 0,1	L6 ± 0,1	L8
10	20	22	17	21	12	25	17.5	7.5	1.5	4	7.5
12	22	24	19	23	14	25.5	18	7.5	1.5	4	7.5
14	24	26	21	25	17	25.5	17.5	8	1.5	4	7.5
16	26	28	23	27	19	26.5	18.5	8	1.5	4	7.5
18	32	34	27	33	21	28.5	19.5	9	2	5	7.5
20	34	36	29	35	24	29.5	19.5	10	2	5	7.5
22	36	38	31	37	26	31	21	10	2	5	7.5
24	38	40	33	39	28	32.5	22	10.5	2	5	7.5
25	39	41	34	40	29	34	23.5	10.5	2	5	7.5
28	42	44	37	43	33	35.5	25	10.5	2	5	7
30	44	46	39	45	35	35.5	24.5	11	2	5	7.5
32	46	48	42	48	37	39	28	11	2	5	7.5
33	47	49	42	48	38	39.5	28.5	11	2	5	7.5
35	49	51	44	50	40	39.5	28.5	11	2	5	7.5
38	54	58	49	56	44	42.5	30.5	12	2	6	8.5
40	56	60	51	58	47	45.5	33	12.5	2	6	8.5
43	59	63	54	61	50	49.5	37	12.5	2	6	8.5
45	61	65	56	63	52	51	38.5	12.5	2	6	8.5
48	64	68	59	66	56	56.5	44	12.5	2	6	8.5
50	66	70	62	70	58	57.5	44	13.5	2.5	6	8
53	69	73	65	73	61	59.5	46	13.5	2.5	6	8
55	71	75	67	75	64	62.5	49	13.5	2.5	6	8
58	78	83	70	78	67	65.5	51	14.5	2.5	6	8
60	80	85	72	80	69	66.5	52	14.5	2.5	6	8
63	83	88	75	83	72	67.5	52	15.5	2.5	6	8
65	85	90	77	85	74	67.5	52	15.5	2.5	6	8
70	88	93	81	90	78	69	53.5	15.5	2.5	7	8
75	90	95	83	92	80	69.5	54	15.5	2.5	7	8
80	99	104	88	97	85	70.5	55	15.5	2.5	7	8
80	104	109	95	105	91	74.5	58.5	16	3	7	8

Complies with NF EN 12756 and DIN 24960 d8 (tight to sleeve) : 3 mm for d1 18 to 35, 4 mm for d1 38 to 80 r : 1,2 mm for d1 10 to 16 -1,6 mm for d1 18 to 35, 2,5 mm for d1 38 to 80

The maximum temperature, pressure and speed given in this document cannot be associated in any case.