



CARTRIDGE SEAL

# CARTseal B 22812



## COMPACT CARTRIDGE SEAL



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### High-performance cartridge seal for a competitive price

#### Characteristics

- Stationary mechanical seal allowing high rotation speed even with shafts with slight angular offset.
- Easy installation on all types of equipment (even in confined spaces) thanks to two wide slots in the flange.
- Stationary springs are protected as they are located outside the pumped fluid and therefore not prone to clogging.
- Mechanical seal with flush (feeding device for the faces)

#### Advantages

- Factory-preset mechanical seal, there is no setting required during installation.
- No repositioning of the setting clamps prior to starting up.
- Simple, fast and easy installation.

#### Industries

- All types of industries

#### Fluids

- Clear and clogging fluids

#### Parameters (not associated)

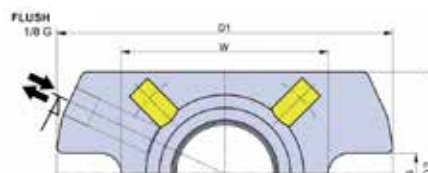
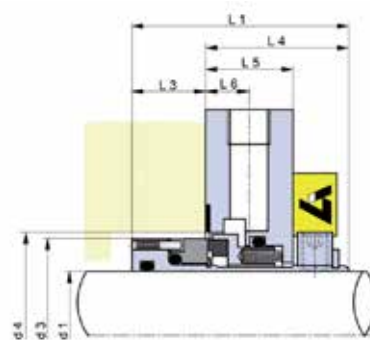
- Pressure: 15 bars
- Temperature: -20 °C to +180°C
- Speed: < 15 m/s

#### Approvals

- ATEX zone 1 and 2, temperature class T3

#### Composition

- U6 B V: Silicon carbide / resin-impregnated carbon / FKM O-ring
- U6 U6 V: Silicon carbide / silicon carbide / FKM O-ring (on request)



d1 nominal h6	d3	d4 mini	d4 maxi	L1	L3	L4	L5	L6	D1	D2	S	W
25	40	41	51	50	17	33	20	10	103	57	12.5	58
28	43	44	52	50	17	33	20	10	103	58	12.5	59
30	45	46	56	50	17	33	20	10	103	62	12.5	63
32	47	48	57	50	17	33	20	10	108	63	12.5	64
33	48	49	57	50	17	33	20	10	108	63	12.5	64
35	50	51	61	50	17	33	20	10	113	67	12.5	68
38	55	58	66	50	17	33	20	10	124	72	12.5	73
40	57	60	68	50	17	33	20	10	123	74	14.7	75
43	60	63	70	50	17	33	20	10	131	76	14.7	77
45	62	65	73	50	17	33	20	10	140	79	14.7	80
48	65	68	75	50	17	33	20	10	140	81	14.7	82
50	67	70	78	50	17	33	20	10	149	84	14.7	85
53	70	73	78	50	17	33	20	10	149	87	14.7	88
55	72	75	83	50	17	33	20	10	148	89	18	90
60	77	85	91	50	17	33	20	10	155	98	18	98
65	82	90	98	50	17	33	20	10	163	105	18	105
70	87	95	108	50	17	33	20	10	178	115	18	115

d1 nominal h6	d3	d4 mini	d4 maxi	L1	L3	L4	L5	L6	D1	D2	S	W	
1"	1.000	1.575	1.614	2.008	1.969	0.669	1.299	0.787	0.394	4.055	2.244	0.492	2.283
1" 1/8	1.125	1.772	1.811	2.205	1.969	0.669	1.299	0.787	0.394	4.055	2.441	0.492	2.480
1" 1/4	1.250	1.850	1.890	2.244	1.969	0.669	1.299	0.787	0.394	4.252	2.480	0.492	2.520
1" 3/8	1.375	1.969	2.008	2.402	1.969	0.669	1.299	0.787	0.394	4.449	2.638	0.492	2.677
1" 1/2	1.500	2.165	2.283	2.598	1.969	0.669	1.299	0.787	0.394	4.882	2.835	0.492	2.874
1" 5/8	1.625	2.362	2.480	2.756	1.969	0.669	1.299	0.787	0.394	5.157	2.992	0.579	3.031
1" 3/4	1.750	2.441	2.559	2.874	1.969	0.669	1.299	0.787	0.394	5.512	3.110	0.579	3.150
1" 7/8	1.875	2.559	2.677	2.953	1.969	0.669	1.299	0.787	0.394	5.512	3.189	0.579	3.228
2"	2.000	2.756	2.874	3.071	1.969	0.669	1.299	0.787	0.394	5.866	3.425	0.579	3.465
2" 1/8	2.125	2.835	2.953	3.268	1.969	0.669	1.299	0.787	0.394	5.827	3.504	0.709	3.543
2" 3/8	2.375	3.031	3.346	3.583	1.969	0.669	1.299	0.787	0.394	6.102	3.858	0.709	3.858
2" 1/2	2.500	3.228	3.543	3.858	1.969	0.669	1.299	0.787	0.394	6.417	4.134	0.709	4.134
2" 3/4	2.750	3.425	3.740	4.252	1.969	0.669	1.299	0.787	0.394	7.008	4.528	0.709	4.528

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