



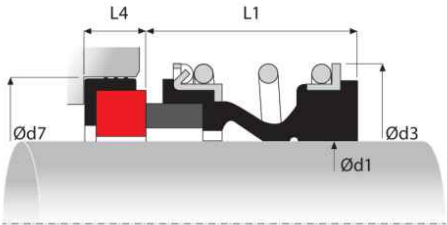
Mechanical Seal type BBO

Characteristics

Type: BBO

Size table:

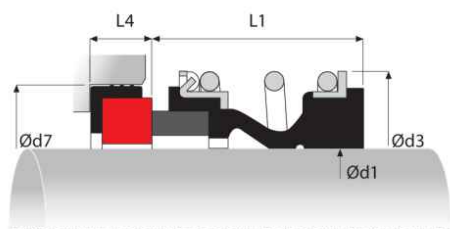
d1 mm	d7 mm	d3 mm	l1 mm	l4 mm
10	21	20	14.5	6.6
12	23	24.3	15	6.6
14	25	28.5	17	6.6
15	27	28.5	17	6.6
16	27	28.5	17	6.6
18	33	31	19.5	7.5
20	35	36.5	21.5	7.5
22	37	36.5	21.5	7.5
24	39	41.1	22.5	7.5
25	40	41.1	23	7.5
28	43	47.6	26.5	7.5
30	45	47.6	26.5	7.5
32	48	51	27.5	7.5
33	48	51	27.5	7.5
35	50	54.5	28.5	7.5
38	56	57.9	30	9
40	58	60	30	9
43	61	63.8	30	9
45	63	65.7	30	9
48	66	69.3	30.5	9
50	70	71.8	30.5	9.5
53	73	76	33	11
55	75	78.3	35	11
58	78	82.5	37	11
60	80	85.5	38	11
65	85	90.3	40	11
68	90	94	40	11.3
70	92	97	40	11.3
75	97	102	40	11.3



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Size table:

d1	d7	d3	l1	l4
80	105	109.5	40	12
85	110	116.7	41	14
90	115	122.3	45	14
95	120	127.6	46	14
100	125	132	47	14



Secondary seal material	Sliding ring material	Countersliding ring material	Direction of rotation right	d1	d7	d3	l1	l4	Article
				mm	mm	mm	mm	mm	Max. 200 articles in the table
EPDM	Carbon	Siliciumcarbide	Yes	10	21	20	14.5	6.6	12411593
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	10	21	20	14.5	6.6	12411594
FKM	Carbon	Siliciumcarbide	Yes	10	21	20	14.5	6.6	12411597
FKM	Siliciumcarbide	Siliciumcarbide	Yes	10	21	20	14.5	6.6	12411598
NBR	Carbon	Siliciumcarbide	Yes	10	21	20	14.5	6.6	12411595
NBR	Siliciumcarbide	Siliciumcarbide	Yes	10	21	20	14.5	6.6	12411596
EPDM	Carbon	Siliciumcarbide	Yes	12	23	24.3	15	6.6	12411988
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	12	23	24.3	15	6.6	12411991
FKM	Carbon	Siliciumcarbide	Yes	12	23	24.3	15	6.6	12411998
FKM	Siliciumcarbide	Siliciumcarbide	Yes	12	23	24.3	15	6.6	11405316
NBR	Carbon	Siliciumcarbide	Yes	12	23	24.3	15	6.6	12411993
NBR	Siliciumcarbide	Siliciumcarbide	Yes	12	23	24.3	15	6.6	12411996
EPDM	Carbon	Siliciumcarbide	Yes	14	25	28.5	17	6.6	12412521
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	14	25	28.5	17	6.6	12412524
FKM	Carbon	Siliciumcarbide	Yes	14	25	28.5	17	6.6	12412530
FKM	Siliciumcarbide	Siliciumcarbide	Yes	14	25	28.5	17	6.6	12412533
NBR	Carbon	Siliciumcarbide	Yes	14	25	28.5	17	6.6	12412526
EPDM	Carbon	Siliciumcarbide	Yes	15	27	28.5	17	6.6	12412867
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	15	27	28.5	17	6.6	12412868
FKM	Carbon	Siliciumcarbide	Yes	15	27	28.5	17	6.6	12412871
FKM	Siliciumcarbide	Siliciumcarbide	Yes	15	27	28.5	17	6.6	12335980
NBR	Carbon	Siliciumcarbide	Yes	15	27	28.5	17	6.6	12412869
NBR	Siliciumcarbide	Siliciumcarbide	Yes	15	27	28.5	17	6.6	12412870
EPDM	Carbon	Siliciumcarbide	Yes	16	27	28.5	17	6.6	12413292
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	16	27	28.5	17	6.6	12044962
FKM	Carbon	Siliciumcarbide	Yes	16	27	28.5	17	6.6	12413301
FKM	Siliciumcarbide	Siliciumcarbide	Yes	16	27	28.5	17	6.6	12413304
NBR	Carbon	Siliciumcarbide	Yes	16	27	28.5	17	6.6	12413296
NBR	Siliciumcarbide	Siliciumcarbide	Yes	16	27	28.5	17	6.6	12413299
EPDM	Carbon	Siliciumcarbide	Yes	18	33	31	19.5	7.5	12413744
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	18	33	31	19.5	7.5	12413747
FKM	Carbon	Siliciumcarbide	Yes	18	33	31	19.5	7.5	12413754
FKM	Siliciumcarbide	Siliciumcarbide	Yes	18	33	31	19.5	7.5	12413757
NBR	Carbon	Siliciumcarbide	Yes	18	33	31	19.5	7.5	12413749
NBR	Siliciumcarbide	Siliciumcarbide	Yes	18	33	31	19.5	7.5	12413752
EPDM	Carbon	Siliciumcarbide	Yes	20	35	36.5	21.5	7.5	12406533

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Secondary seal material	Sliding ring material	Countersliding ring material	Direction of rotation right	d1	d7	d3	l1	l4	Article
				mm	mm	mm	mm	mm	Max. 200 articles in the table
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	20	35	36.5	21.5	7.5	12414315
FKM	Carbon	Siliciumcarbide	Yes	20	35	36.5	21.5	7.5	12414322
FKM	Siliciumcarbide	Siliciumcarbide	Yes	20	35	36.5	21.5	7.5	12414325
NBR	Carbon	Siliciumcarbide	Yes	20	35	36.5	21.5	7.5	12414317
NBR	Siliciumcarbide	Siliciumcarbide	Yes	20	35	36.5	21.5	7.5	12414320
EPDM	Carbon	Siliciumcarbide	Yes	22	37	36.5	21.5	7.5	12414763
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	22	37	36.5	21.5	7.5	12414766
FKM	Carbon	Siliciumcarbide	Yes	22	37	36.5	21.5	7.5	12414773
FKM	Siliciumcarbide	Siliciumcarbide	Yes	22	37	36.5	21.5	7.5	12414776
NBR	Carbon	Siliciumcarbide	Yes	22	37	36.5	21.5	7.5	12414768
NBR	Siliciumcarbide	Siliciumcarbide	Yes	22	37	36.5	21.5	7.5	12414771
EPDM	Carbon	Siliciumcarbide	Yes	24	39	41.1	22.5	7.5	12415278
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	24	39	41.1	22.5	7.5	12386162
FKM	Carbon	Siliciumcarbide	Yes	24	39	41.1	22.5	7.5	12415287
FKM	Siliciumcarbide	Siliciumcarbide	Yes	24	39	41.1	22.5	7.5	12415290
NBR	Carbon	Siliciumcarbide	Yes	24	39	41.1	22.5	7.5	12415282
NBR	Siliciumcarbide	Siliciumcarbide	Yes	24	39	41.1	22.5	7.5	12415285
EPDM	Carbon	Siliciumcarbide	Yes	25	40	41.1	23	7.5	12329684
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	25	40	41.1	23	7.5	12415683
FKM	Carbon	Siliciumcarbide	Yes	25	40	41.1	23	7.5	12351180
FKM	Siliciumcarbide	Siliciumcarbide	Yes	25	40	41.1	23	7.5	12309523
NBR	Carbon	Siliciumcarbide	Yes	25	40	41.1	23	7.5	12415685
NBR	Siliciumcarbide	Siliciumcarbide	Yes	25	40	41.1	23	7.5	12369214
EPDM	Carbon	Siliciumcarbide	Yes	28	43	47.6	26.5	7.5	12416172
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	28	43	47.6	26.5	7.5	12329685
FKM	Carbon	Siliciumcarbide	Yes	28	43	47.6	26.5	7.5	12416181
FKM	Siliciumcarbide	Siliciumcarbide	Yes	28	43	47.6	26.5	7.5	12416183
NBR	Carbon	Siliciumcarbide	Yes	28	43	47.6	26.5	7.5	12416176
NBR	Siliciumcarbide	Siliciumcarbide	Yes	28	43	47.6	26.5	7.5	12416179
EPDM	Carbon	Siliciumcarbide	Yes	30	45	47.6	26.5	7.5	12329686
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	30	45	47.6	26.5	7.5	12343347
FKM	Carbon	Siliciumcarbide	Yes	30	45	47.6	26.5	7.5	12416713
FKM	Siliciumcarbide	Siliciumcarbide	Yes	30	45	47.6	26.5	7.5	12416716
NBR	Carbon	Siliciumcarbide	Yes	30	45	47.6	26.5	7.5	12416709
NBR	Siliciumcarbide	Siliciumcarbide	Yes	30	45	47.6	26.5	7.5	12369215
EPDM	Carbon	Siliciumcarbide	Yes	32	48	51	27.5	7.5	12417176
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	32	48	51	27.5	7.5	12417179
FKM	Carbon	Siliciumcarbide	Yes	32	48	51	27.5	7.5	12417186
FKM	Siliciumcarbide	Siliciumcarbide	Yes	32	48	51	27.5	7.5	12417189
NBR	Carbon	Siliciumcarbide	Yes	32	48	51	27.5	7.5	12417181
NBR	Siliciumcarbide	Siliciumcarbide	Yes	32	48	51	27.5	7.5	12417184
EPDM	Carbon	Siliciumcarbide	Yes	33	48	51	27.5	7.5	12417579
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	33	48	51	27.5	7.5	12417581
FKM	Carbon	Siliciumcarbide	Yes	33	48	51	27.5	7.5	12417587
FKM	Siliciumcarbide	Siliciumcarbide	Yes	33	48	51	27.5	7.5	12417590
NBR	Carbon	Siliciumcarbide	Yes	33	48	51	27.5	7.5	12417583
NBR	Siliciumcarbide	Siliciumcarbide	Yes	33	48	51	27.5	7.5	12417586
EPDM	Carbon	Siliciumcarbide	Yes	35	50	54.5	28.5	7.5	12418034
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	35	50	54.5	28.5	7.5	12418037
FKM	Carbon	Siliciumcarbide	Yes	35	50	54.5	28.5	7.5	12418053
FKM	Siliciumcarbide	Siliciumcarbide	Yes	35	50	54.5	28.5	7.5	11515812
NBR	Carbon	Siliciumcarbide	Yes	35	50	54.5	28.5	7.5	12418039

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Secondary seal material	Sliding ring material	Countersliding ring material	Direction of rotation right	d1 mm	d7 mm	d3 mm	l1 mm	l4 mm	Article
NBR	Siliciumcarbide	Siliciumcarbide	Yes	35	50	54.5	28.5	7.5	12392924
EPDM	Carbon	Siliciumcarbide	Yes	38	56	57.9	30	9	12329687
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	38	56	57.9	30	9	12343346
FKM	Carbon	Siliciumcarbide	Yes	38	56	57.9	30	9	12418462
FKM	Siliciumcarbide	Siliciumcarbide	Yes	38	56	57.9	30	9	11462135
NBR	Carbon	Siliciumcarbide	Yes	38	56	57.9	30	9	12418457
NBR	Siliciumcarbide	Siliciumcarbide	Yes	38	56	57.9	30	9	12418460
EPDM	Carbon	Siliciumcarbide	Yes	40	58	60	30	9	12418924
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	40	58	60	30	9	12418927
FKM	Carbon	Siliciumcarbide	Yes	40	58	60	30	9	12418933
FKM	Siliciumcarbide	Siliciumcarbide	Yes	40	58	60	30	9	11458492
NBR	Carbon	Siliciumcarbide	Yes	40	58	60	30	9	12329689
NBR	Siliciumcarbide	Siliciumcarbide	Yes	40	58	60	30	9	12418931
EPDM	Carbon	Siliciumcarbide	Yes	43	61	63.8	30	9	12419367
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	43	61	63.8	30	9	12419369
FKM	Carbon	Siliciumcarbide	Yes	43	61	63.8	30	9	12419375
FKM	Siliciumcarbide	Siliciumcarbide	Yes	43	61	63.8	30	9	12419378
NBR	Carbon	Siliciumcarbide	Yes	43	61	63.8	30	9	12419371
NBR	Siliciumcarbide	Siliciumcarbide	Yes	43	61	63.8	30	9	12419373
EPDM	Carbon	Siliciumcarbide	Yes	45	63	65.7	30	9	12419828
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	45	63	65.7	30	9	12343345
FKM	Carbon	Siliciumcarbide	Yes	45	63	65.7	30	9	12419836
FKM	Siliciumcarbide	Siliciumcarbide	Yes	45	63	65.7	30	9	12354225
NBR	Carbon	Siliciumcarbide	Yes	45	63	65.7	30	9	12419832
NBR	Siliciumcarbide	Siliciumcarbide	Yes	45	63	65.7	30	9	12419835
EPDM	Carbon	Siliciumcarbide	Yes	48	66	69.3	30.5	9	12420220
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	48	66	69.3	30.5	9	12420223
FKM	Carbon	Siliciumcarbide	Yes	48	66	69.3	30.5	9	12420230
FKM	Siliciumcarbide	Siliciumcarbide	Yes	48	66	69.3	30.5	9	12420233
NBR	Carbon	Siliciumcarbide	Yes	48	66	69.3	30.5	9	12420225
NBR	Siliciumcarbide	Siliciumcarbide	Yes	48	66	69.3	30.5	9	12420228
EPDM	Carbon	Siliciumcarbide	Yes	50	70	71.8	30.5	9.5	12420555
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	50	70	71.8	30.5	9.5	12420558
FKM	Carbon	Siliciumcarbide	Yes	50	70	71.8	30.5	9.5	12420565
FKM	Siliciumcarbide	Siliciumcarbide	Yes	50	70	71.8	30.5	9.5	12420567
NBR	Carbon	Siliciumcarbide	Yes	50	70	71.8	30.5	9.5	12420560
NBR	Siliciumcarbide	Siliciumcarbide	Yes	50	70	71.8	30.5	9.5	12420563
EPDM	Carbon	Siliciumcarbide	Yes	53	73	76	33	11	12420941
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	53	73	76	33	11	12420944
FKM	Carbon	Siliciumcarbide	Yes	53	73	76	33	11	12420951
FKM	Siliciumcarbide	Siliciumcarbide	Yes	53	73	76	33	11	12420954
NBR	Carbon	Siliciumcarbide	Yes	53	73	76	33	11	12420946
NBR	Siliciumcarbide	Siliciumcarbide	Yes	53	73	76	33	11	12420949
EPDM	Carbon	Siliciumcarbide	Yes	55	75	78.3	35	11	12421336
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	55	75	78.3	35	11	12343343
FKM	Carbon	Siliciumcarbide	Yes	55	75	78.3	35	11	12421344
FKM	Siliciumcarbide	Siliciumcarbide	Yes	55	75	78.3	35	11	12343344
NBR	Carbon	Siliciumcarbide	Yes	55	75	78.3	35	11	12421340
NBR	Siliciumcarbide	Siliciumcarbide	Yes	55	75	78.3	35	11	12329690
EPDM	Carbon	Siliciumcarbide	Yes	58	78	82.5	37	11	12421699
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	58	78	82.5	37	11	12421702
FKM	Carbon	Siliciumcarbide	Yes	58	78	82.5	37	11	12421709

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Secondary seal material	Sliding ring material	Countersliding ring material	Direction of rotation right	d1	d7	d3	l1	l4	Article
				mm	mm	mm	mm	mm	Max. 200 articles in the table
FKM	Siliciumcarbide	Siliciumcarbide	Yes	58	78	82.5	37	11	12421712
NBR	Carbon	Siliciumcarbide	Yes	58	78	82.5	37	11	12421704
NBR	Siliciumcarbide	Siliciumcarbide	Yes	58	78	82.5	37	11	12421707
EPDM	Carbon	Siliciumcarbide	Yes	60	80	85.5	38	11	12422038
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	60	80	85.5	38	11	12422041
FKM	Carbon	Siliciumcarbide	Yes	60	80	85.5	38	11	12422048
FKM	Siliciumcarbide	Siliciumcarbide	Yes	60	80	85.5	38	11	12422051
NBR	Carbon	Siliciumcarbide	Yes	60	80	85.5	38	11	12422043
NBR	Siliciumcarbide	Siliciumcarbide	Yes	60	80	85.5	38	11	12422046
EPDM	Carbon	Siliciumcarbide	Yes	65	85	90.3	40	11	12422646
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	65	85	90.3	40	11	12422649
FKM	Carbon	Siliciumcarbide	Yes	65	85	90.3	40	11	12422656
FKM	Siliciumcarbide	Siliciumcarbide	Yes	65	85	90.3	40	11	12422659
NBR	Carbon	Siliciumcarbide	Yes	65	85	90.3	40	11	12422651
NBR	Siliciumcarbide	Siliciumcarbide	Yes	65	85	90.3	40	11	12422654
EPDM	Carbon	Siliciumcarbide	Yes	68	90	94	40	11.3	12423002
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	68	90	94	40	11.3	12423005
FKM	Carbon	Siliciumcarbide	Yes	68	90	94	40	11.3	12423012
FKM	Siliciumcarbide	Siliciumcarbide	Yes	68	90	94	40	11.3	12423015
NBR	Carbon	Siliciumcarbide	Yes	68	90	94	40	11.3	12423007
NBR	Siliciumcarbide	Siliciumcarbide	Yes	68	90	94	40	11.3	12423010
EPDM	Carbon	Siliciumcarbide	Yes	70	92	97	40	11.3	12423381
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	70	92	97	40	11.3	12343342
FKM	Carbon	Siliciumcarbide	Yes	70	92	97	40	11.3	12423390
FKM	Siliciumcarbide	Siliciumcarbide	Yes	70	92	97	40	11.3	12423393
NBR	Carbon	Siliciumcarbide	Yes	70	92	97	40	11.3	12423385
NBR	Siliciumcarbide	Siliciumcarbide	Yes	70	92	97	40	11.3	12423388
EPDM	Carbon	Siliciumcarbide	Yes	75	97	102	40	11.3	12423764
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	75	97	102	40	11.3	12423767
FKM	Carbon	Siliciumcarbide	Yes	75	97	102	40	11.3	12423774
FKM	Siliciumcarbide	Siliciumcarbide	Yes	75	97	102	40	11.3	12423777
NBR	Carbon	Siliciumcarbide	Yes	75	97	102	40	11.3	12423769
NBR	Siliciumcarbide	Siliciumcarbide	Yes	75	97	102	40	11.3	12423772
EPDM	Carbon	Siliciumcarbide	Yes	80	105	109.5	40	12	12424199
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	80	105	109.5	40	12	12424202
FKM	Carbon	Siliciumcarbide	Yes	80	105	109.5	40	12	12424209
FKM	Siliciumcarbide	Siliciumcarbide	Yes	80	105	109.5	40	12	12424212
NBR	Carbon	Siliciumcarbide	Yes	80	105	109.5	40	12	12424204
NBR	Siliciumcarbide	Siliciumcarbide	Yes	80	105	109.5	40	12	12424207
EPDM	Carbon	Siliciumcarbide	Yes	85	110	116.7	41	14	12424539
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	85	110	116.7	41	14	12424542
FKM	Carbon	Siliciumcarbide	Yes	85	110	116.7	41	14	12424549
FKM	Siliciumcarbide	Siliciumcarbide	Yes	85	110	116.7	41	14	12424552
NBR	Carbon	Siliciumcarbide	Yes	85	110	116.7	41	14	12424544
NBR	Siliciumcarbide	Siliciumcarbide	Yes	85	110	116.7	41	14	12424547
EPDM	Carbon	Siliciumcarbide	Yes	90	115	122.3	45	14	12424868
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	90	115	122.3	45	14	12424871
FKM	Carbon	Siliciumcarbide	Yes	90	115	122.3	45	14	12424878
FKM	Siliciumcarbide	Siliciumcarbide	Yes	90	115	122.3	45	14	12424881
NBR	Carbon	Siliciumcarbide	Yes	90	115	122.3	45	14	12424873
NBR	Siliciumcarbide	Siliciumcarbide	Yes	90	115	122.3	45	14	12424876
EPDM	Carbon	Siliciumcarbide	Yes	95	120	127.6	46	14	12425127

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Secondary seal material	Sliding ring material	Countersliding ring material	Direction of rotation right	d1 mm	d7 mm	d3 mm	l1 mm	l4 mm	Article
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	95	120	127.6	46	14	12425130
FKM	Carbon	Siliciumcarbide	Yes	95	120	127.6	46	14	12425137
FKM	Siliciumcarbide	Siliciumcarbide	Yes	95	120	127.6	46	14	12425140
NBR	Carbon	Siliciumcarbide	Yes	95	120	127.6	46	14	12425132
NBR	Siliciumcarbide	Siliciumcarbide	Yes	95	120	127.6	46	14	12425135
EPDM	Carbon	Siliciumcarbide	Yes	100	125	132	47	14	12425465
FKM	Siliciumcarbide	Siliciumcarbide	Yes	100	125	132	47	14	12344189

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