



Mechanical Seal type BEOS

Characteristics

Type: BEOS

Size table:

d1 mm	d7 mm	d3 mm	l1 mm	l4 mm
10	21	20	13.4	6.6
12	23	22	14.4	6.6
14	25	24	14.4	6.6
15	27	25	14.4	6.6
16	27	26	14.4	6.6
18	33	32	18.5	7.5
20	35	34	18.5	7.5
22	37	36	18.5	7.5
24	39	38	18.5	7.5
25	40	39	18.5	7.5
28	43	42	24.5	7.5
30	45	44	25.5	7.5
32	48	46	25.5	7.5
33	48	47	25.5	7.5
35	50	49	26.5	7.5
38	56	54	29	9
40	58	56	29	9
43	61	59	29	9
45	63	61	29	9
48	66	64	31	9
50	70	66	30.5	9.5
53	73	69	29	11
55	75	71	29	11
58	78	78	32	11
60	80	80	34	11
65	85	85	34	11
68	90	88		11.3
68	90	88	16.5	11.3
68	90	88	28.5	11.3

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Size table:

d1	d7	d3	l1	l4
68	90	88	35	11.3
68	90	88	49	11.3
68	90	88	73025	11.3
70	92	90	33.7	11.3
75	97	99	40.7	11.3
80	105	104	40.5	12
85	110	109	38.5	14
90	115	114	38.5	14
95	120	119	38.5	14
100	125	124	38.5	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	13.4	6.6	12411525
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	10	21	20	13.4	6.6	12411526
FKM	Carbon	Siliciumcarbide	Yes	10	21	20	13.4	6.6	12411529
FKM	Siliciumcarbide	Siliciumcarbide	Yes	10	21	20	13.4	6.6	12411530
NBR	Carbon	Siliciumcarbide	Yes	10	21	20	13.4	6.6	12411527
NBR	Siliciumcarbide	Siliciumcarbide	Yes	10	21	20	13.4	6.6	12411528
EPDM	Carbon	Siliciumcarbide	Yes	12	23	22	14.4	6.6	12411920
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	12	23	22	14.4	6.6	12411921
FKM	Carbon	Siliciumcarbide	Yes	12	23	22	14.4	6.6	12411924
FKM	Siliciumcarbide	Siliciumcarbide	Yes	12	23	22	14.4	6.6	12411925
NBR	Carbon	Siliciumcarbide	Yes	12	23	22	14.4	6.6	12411922
NBR	Siliciumcarbide	Siliciumcarbide	Yes	12	23	22	14.4	6.6	12411923
EPDM	Carbon	Siliciumcarbide	Yes	14	25	24	14.4	6.6	12412449
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	14	25	24	14.4	6.6	12412450
FKM	Carbon	Siliciumcarbide	Yes	14	25	24	14.4	6.6	12412453
FKM	Siliciumcarbide	Siliciumcarbide	Yes	14	25	24	14.4	6.6	12412454
NBR	Carbon	Siliciumcarbide	Yes	14	25	24	14.4	6.6	12412451
NBR	Siliciumcarbide	Siliciumcarbide	Yes	14	25	24	14.4	6.6	12412452
EPDM	Carbon	Siliciumcarbide	Yes	15	27	25	14.4	6.6	12412798
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	15	27	25	14.4	6.6	12412799
FKM	Carbon	Siliciumcarbide	Yes	15	27	25	14.4	6.6	12412802
FKM	Siliciumcarbide	Siliciumcarbide	Yes	15	27	25	14.4	6.6	12412803
NBR	Carbon	Siliciumcarbide	Yes	15	27	25	14.4	6.6	12412800
NBR	Siliciumcarbide	Siliciumcarbide	Yes	15	27	25	14.4	6.6	12412801
EPDM	Carbon	Siliciumcarbide	Yes	16	27	26	14.4	6.6	12413199
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	16	27	26	14.4	6.6	12413200
FKM	Carbon	Siliciumcarbide	Yes	16	27	26	14.4	6.6	12413203
FKM	Siliciumcarbide	Siliciumcarbide	Yes	16	27	26	14.4	6.6	12413204
NBR	Carbon	Siliciumcarbide	Yes	16	27	26	14.4	6.6	12413201
NBR	Siliciumcarbide	Siliciumcarbide	Yes	16	27	26	14.4	6.6	12413202
EPDM	Carbon	Siliciumcarbide	Yes	18	33	32	18.5	7.5	12413671
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	18	33	32	18.5	7.5	12413672
FKM	Carbon	Siliciumcarbide	Yes	18	33	32	18.5	7.5	12413675
FKM	Siliciumcarbide	Siliciumcarbide	Yes	18	33	32	18.5	7.5	12413676

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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	Carbon	Siliciumcarbide	Yes	18	33	32	18.5	7.5	12413673
NBR	Siliciumcarbide	Siliciumcarbide	Yes	18	33	32	18.5	7.5	12413674
EPDM	Carbon	Siliciumcarbide	Yes	20	35	34	18.5	7.5	12329693
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	20	35	34	18.5	7.5	12414240
FKM	Carbon	Siliciumcarbide	Yes	20	35	34	18.5	7.5	12414243
FKM	Siliciumcarbide	Siliciumcarbide	Yes	20	35	34	18.5	7.5	12414244
NBR	Carbon	Siliciumcarbide	Yes	20	35	34	18.5	7.5	12414241
NBR	Siliciumcarbide	Siliciumcarbide	Yes	20	35	34	18.5	7.5	12414242
EPDM	Carbon	Siliciumcarbide	Yes	22	37	36	18.5	7.5	12414676
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	22	37	36	18.5	7.5	12414677
FKM	Carbon	Siliciumcarbide	Yes	22	37	36	18.5	7.5	12414679
FKM	Siliciumcarbide	Siliciumcarbide	Yes	22	37	36	18.5	7.5	12414680
NBR	Carbon	Siliciumcarbide	Yes	22	37	36	18.5	7.5	12414678
EPDM	Carbon	Siliciumcarbide	Yes	24	39	38	18.5	7.5	12415197
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	24	39	38	18.5	7.5	12415198
FKM	Carbon	Siliciumcarbide	Yes	24	39	38	18.5	7.5	12415201
FKM	Siliciumcarbide	Siliciumcarbide	Yes	24	39	38	18.5	7.5	12415202
NBR	Carbon	Siliciumcarbide	Yes	24	39	38	18.5	7.5	12415199
NBR	Siliciumcarbide	Siliciumcarbide	Yes	24	39	38	18.5	7.5	12415200
EPDM	Carbon	Siliciumcarbide	Yes	25	40	39	18.5	7.5	12415604
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	25	40	39	18.5	7.5	12415605
FKM	Carbon	Siliciumcarbide	Yes	25	40	39	18.5	7.5	12415608
FKM	Siliciumcarbide	Siliciumcarbide	Yes	25	40	39	18.5	7.5	12415609
NBR	Carbon	Siliciumcarbide	Yes	25	40	39	18.5	7.5	12415606
NBR	Siliciumcarbide	Siliciumcarbide	Yes	25	40	39	18.5	7.5	12415607
EPDM	Carbon	Siliciumcarbide	Yes	28	43	42	24.5	7.5	12416090
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	28	43	42	24.5	7.5	12416091
FKM	Carbon	Siliciumcarbide	Yes	28	43	42	24.5	7.5	12416094
FKM	Siliciumcarbide	Siliciumcarbide	Yes	28	43	42	24.5	7.5	12416095
NBR	Carbon	Siliciumcarbide	Yes	28	43	42	24.5	7.5	12416092
NBR	Siliciumcarbide	Siliciumcarbide	Yes	28	43	42	24.5	7.5	12416093
EPDM	Carbon	Siliciumcarbide	Yes	30	45	44	25.5	7.5	12416618
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	30	45	44	25.5	7.5	12416619
FKM	Carbon	Siliciumcarbide	Yes	30	45	44	25.5	7.5	12416622
FKM	Siliciumcarbide	Siliciumcarbide	Yes	30	45	44	25.5	7.5	12416623
NBR	Carbon	Siliciumcarbide	Yes	30	45	44	25.5	7.5	12416620
NBR	Siliciumcarbide	Siliciumcarbide	Yes	30	45	44	25.5	7.5	12416621
EPDM	Carbon	Siliciumcarbide	Yes	32	48	46	25.5	7.5	12417097
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	32	48	46	25.5	7.5	12417098
FKM	Carbon	Siliciumcarbide	Yes	32	48	46	25.5	7.5	12417101
FKM	Siliciumcarbide	Siliciumcarbide	Yes	32	48	46	25.5	7.5	12417102
NBR	Carbon	Siliciumcarbide	Yes	32	48	46	25.5	7.5	12417099
NBR	Siliciumcarbide	Siliciumcarbide	Yes	32	48	46	25.5	7.5	12417100
EPDM	Carbon	Siliciumcarbide	Yes	33	48	47	25.5	7.5	12417503
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	33	48	47	25.5	7.5	12417504
FKM	Carbon	Siliciumcarbide	Yes	33	48	47	25.5	7.5	12417507
FKM	Siliciumcarbide	Siliciumcarbide	Yes	33	48	47	25.5	7.5	12417508
NBR	Carbon	Siliciumcarbide	Yes	33	48	47	25.5	7.5	12417505
NBR	Siliciumcarbide	Siliciumcarbide	Yes	33	48	47	25.5	7.5	12417506
EPDM	Carbon	Siliciumcarbide	Yes	35	50	49	26.5	7.5	12417950
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	35	50	49	26.5	7.5	12417951
FKM	Carbon	Siliciumcarbide	Yes	35	50	49	26.5	7.5	12417954

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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
FKM	Siliciumcarbide	Siliciumcarbide	Yes	35	50	49	26.5	7.5	12392429
NBR	Carbon	Siliciumcarbide	Yes	35	50	49	26.5	7.5	12417952
NBR	Siliciumcarbide	Siliciumcarbide	Yes	35	50	49	26.5	7.5	12417953
EPDM	Carbon	Siliciumcarbide	Yes	38	56	54	29	9	12418367
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	38	56	54	29	9	12418368
FKM	Carbon	Siliciumcarbide	Yes	38	56	54	29	9	12418371
FKM	Siliciumcarbide	Siliciumcarbide	Yes	38	56	54	29	9	12418372
NBR	Carbon	Siliciumcarbide	Yes	38	56	54	29	9	12418369
NBR	Siliciumcarbide	Siliciumcarbide	Yes	38	56	54	29	9	12418370
EPDM	Carbon	Siliciumcarbide	Yes	40	58	56	29	9	12418841
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	40	58	56	29	9	12418842
FKM	Carbon	Siliciumcarbide	Yes	40	58	56	29	9	12418845
FKM	Siliciumcarbide	Siliciumcarbide	Yes	40	58	56	29	9	12418846
NBR	Carbon	Siliciumcarbide	Yes	40	58	56	29	9	12418843
NBR	Siliciumcarbide	Siliciumcarbide	Yes	40	58	56	29	9	12418844
EPDM	Carbon	Siliciumcarbide	Yes	43	61	59	29	9	12419290
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	43	61	59	29	9	12419291
FKM	Carbon	Siliciumcarbide	Yes	43	61	59	29	9	12419294
FKM	Siliciumcarbide	Siliciumcarbide	Yes	43	61	59	29	9	12419295
NBR	Carbon	Siliciumcarbide	Yes	43	61	59	29	9	12419292
NBR	Siliciumcarbide	Siliciumcarbide	Yes	43	61	59	29	9	12419293
EPDM	Carbon	Siliciumcarbide	Yes	45	63	61	29	9	12419745
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	45	63	61	29	9	12419746
FKM	Carbon	Siliciumcarbide	Yes	45	63	61	29	9	12419749
FKM	Siliciumcarbide	Siliciumcarbide	Yes	45	63	61	29	9	12419750
NBR	Carbon	Siliciumcarbide	Yes	45	63	61	29	9	12419747
NBR	Siliciumcarbide	Siliciumcarbide	Yes	45	63	61	29	9	12419748
EPDM	Carbon	Siliciumcarbide	Yes	48	66	64	31	9	12420138
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	48	66	64	31	9	12420139
FKM	Carbon	Siliciumcarbide	Yes	48	66	64	31	9	12420141
FKM	Siliciumcarbide	Siliciumcarbide	Yes	48	66	64	31	9	12420142
NBR	Carbon	Siliciumcarbide	Yes	48	66	64	31	9	12420140
EPDM	Carbon	Siliciumcarbide	Yes	50	70	66	30.5	9.5	12420469
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	50	70	66	30.5	9.5	12420470
FKM	Carbon	Siliciumcarbide	Yes	50	70	66	30.5	9.5	12420473
FKM	Siliciumcarbide	Siliciumcarbide	Yes	50	70	66	30.5	9.5	11081783
NBR	Carbon	Siliciumcarbide	Yes	50	70	66	30.5	9.5	12420471
NBR	Siliciumcarbide	Siliciumcarbide	Yes	50	70	66	30.5	9.5	12420472
EPDM	Carbon	Siliciumcarbide	Yes	53	73	69	29	11	12420864
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	53	73	69	29	11	12420865
FKM	Carbon	Siliciumcarbide	Yes	53	73	69	29	11	12420868
FKM	Siliciumcarbide	Siliciumcarbide	Yes	53	73	69	29	11	12420869
NBR	Carbon	Siliciumcarbide	Yes	53	73	69	29	11	12420866
NBR	Siliciumcarbide	Siliciumcarbide	Yes	53	73	69	29	11	12420867
EPDM	Carbon	Siliciumcarbide	Yes	55	75	71	29	11	12421256
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	55	75	71	29	11	12421257
FKM	Carbon	Siliciumcarbide	Yes	55	75	71	29	11	12421260
FKM	Siliciumcarbide	Siliciumcarbide	Yes	55	75	71	29	11	12421261
NBR	Carbon	Siliciumcarbide	Yes	55	75	71	29	11	12421258
NBR	Siliciumcarbide	Siliciumcarbide	Yes	55	75	71	29	11	12421259
EPDM	Carbon	Siliciumcarbide	Yes	58	78	78	32	11	12421626
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	58	78	78	32	11	12421627

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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	Carbon	Siliciumcarbide	Yes	58	78	78	32	11	12421630
FKM	Siliciumcarbide	Siliciumcarbide	Yes	58	78	78	32	11	12421631
NBR	Carbon	Siliciumcarbide	Yes	58	78	78	32	11	12421628
NBR	Siliciumcarbide	Siliciumcarbide	Yes	58	78	78	32	11	12421629
EPDM	Carbon	Siliciumcarbide	Yes	60	80	80	34	11	12421958
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	60	80	80	34	11	12421959
FKM	Carbon	Siliciumcarbide	Yes	60	80	80	34	11	12421962
FKM	Siliciumcarbide	Siliciumcarbide	Yes	60	80	80	34	11	12421963
NBR	Carbon	Siliciumcarbide	Yes	60	80	80	34	11	12421960
NBR	Siliciumcarbide	Siliciumcarbide	Yes	60	80	80	34	11	12421961
EPDM	Carbon	Siliciumcarbide	Yes	65	85	85	34	11	12422567
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	65	85	85	34	11	12422568
FKM	Carbon	Siliciumcarbide	Yes	65	85	85	34	11	12422571
FKM	Siliciumcarbide	Siliciumcarbide	Yes	65	85	85	34	11	12422572
NBR	Carbon	Siliciumcarbide	Yes	65	85	85	34	11	12422569
NBR	Siliciumcarbide	Siliciumcarbide	Yes	65	85	85	34	11	12422570
FKM	Siliciumcarbide	Siliciumcarbide	Yes	68	90	88		11.3	12422933
FKM	Carbon	Siliciumcarbide	Yes	68	90	88	16.5	11.3	12422932
NBR	Siliciumcarbide	Siliciumcarbide	Yes	68	90	88	28.5	11.3	12422931
EPDM	Carbon	Siliciumcarbide	Yes	68	90	88	35	11.3	12422928
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	68	90	88	49	11.3	12422929
NBR	Carbon	Siliciumcarbide	Yes	68	90	88	73025	11.3	12422930
EPDM	Carbon	Siliciumcarbide	Yes	70	92	90	33.7	11.3	12423301
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	70	92	90	33.7	11.3	12423302
FKM	Carbon	Siliciumcarbide	Yes	70	92	90	33.7	11.3	12423305
FKM	Siliciumcarbide	Siliciumcarbide	Yes	70	92	90	33.7	11.3	12423306
NBR	Carbon	Siliciumcarbide	Yes	70	92	90	33.7	11.3	12423303
NBR	Siliciumcarbide	Siliciumcarbide	Yes	70	92	90	33.7	11.3	12423304
EPDM	Carbon	Siliciumcarbide	Yes	75	97	99	40.7	11.3	12423684
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	75	97	99	40.7	11.3	12423685
FKM	Carbon	Siliciumcarbide	Yes	75	97	99	40.7	11.3	12423687
FKM	Siliciumcarbide	Siliciumcarbide	Yes	75	97	99	40.7	11.3	12423688
NBR	Carbon	Siliciumcarbide	Yes	75	97	99	40.7	11.3	12423686
EPDM	Carbon	Siliciumcarbide	Yes	80	105	104	40.5	12	12424116
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	80	105	104	40.5	12	12424117
FKM	Carbon	Siliciumcarbide	Yes	80	105	104	40.5	12	12424120
FKM	Siliciumcarbide	Siliciumcarbide	Yes	80	105	104	40.5	12	12424121
NBR	Carbon	Siliciumcarbide	Yes	80	105	104	40.5	12	12424118
NBR	Siliciumcarbide	Siliciumcarbide	Yes	80	105	104	40.5	12	12424119
EPDM	Carbon	Siliciumcarbide	Yes	85	110	109	38.5	14	12424464
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	85	110	109	38.5	14	12424465
FKM	Carbon	Siliciumcarbide	Yes	85	110	109	38.5	14	12424468
FKM	Siliciumcarbide	Siliciumcarbide	Yes	85	110	109	38.5	14	12424469
NBR	Carbon	Siliciumcarbide	Yes	85	110	109	38.5	14	12424466
NBR	Siliciumcarbide	Siliciumcarbide	Yes	85	110	109	38.5	14	12424467
EPDM	Carbon	Siliciumcarbide	Yes	90	115	114	38.5	14	12424795
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	90	115	114	38.5	14	12424796
FKM	Carbon	Siliciumcarbide	Yes	90	115	114	38.5	14	12424799
FKM	Siliciumcarbide	Siliciumcarbide	Yes	90	115	114	38.5	14	12424800
NBR	Carbon	Siliciumcarbide	Yes	90	115	114	38.5	14	12424797
NBR	Siliciumcarbide	Siliciumcarbide	Yes	90	115	114	38.5	14	12424798
EPDM	Carbon	Siliciumcarbide	Yes	95	120	119	38.5	14	12425052

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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
FKM	Carbon	Siliciumcarbide	Yes	95	120	119	38.5	14	12425055
FKM	Siliciumcarbide	Siliciumcarbide	Yes	95	120	119	38.5	14	12425056
NBR	Carbon	Siliciumcarbide	Yes	95	120	119	38.5	14	12425053
NBR	Siliciumcarbide	Siliciumcarbide	Yes	95	120	119	38.5	14	12425054
EPDM	Carbon	Siliciumcarbide	Yes	100	125	124	38.5	14	12425385
EPDM	Siliciumcarbide	Siliciumcarbide	Yes	100	125	124	38.5	14	12425386
FKM	Carbon	Siliciumcarbide	Yes	100	125	124	38.5	14	12425389
NBR	Carbon	Siliciumcarbide	Yes	100	125	124	38.5	14	12425387
NBR	Siliciumcarbide	Siliciumcarbide	Yes	100	125	124	38.5	14	12425388

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