

## FREUDENBERG Compact seal type OMS-MR

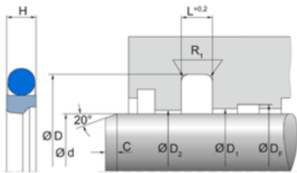


### Characteristics

**Type:** OMS-MR

**Max. operating pressure:** 400 bar

**Maximum speed:** 5 m/s



Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Compound	Material energizer	Temperature range	Article
mm	mm	mm	mm				°C	
4	8.9	2.2	2	PTFE	PTFE B602	NBR	-30 / 100	11016719
6	10.9	2.2	2	PTFE	PTFE B602	NBR	-30 / 100	11950767
7	11.9	2.2	2	PTFE	PTFE B602	NBR	-30 / 100	11950768
8	12.9	2.2	2	PTFE	PTFE B602	NBR	-30 / 100	11950769
9.53	16.83	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950787
10	14.9	2.2	2	PTFE	PTFE B602	NBR	-30 / 100	11950693
11.1	18.4	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950788
12	16.9	2.2	2	PTFE	PTFE GM201	NBR	-30 / 100	11480459
12.7	20	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950789
14	18.9	2.2	2	PTFE	PTFE B602	NBR	-30 / 100	11950694
14.27	21.57	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950790
15	19.9	2.2	2	PTFE	PTFE B602	NBR	-30 / 100	11950695
15.88	23.18	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950791
17.45	24.75	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950792
18	25.3	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11417488
18	25.3	3.2	3	PTFE	PTFE GM201	NBR	-30 / 100	10019981
19.05	26.35	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950793
20	30.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11402717
20.62	27.92	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950794
22	29.3	3.2	3	PTFE	PTFE GM201	NBR	-30 / 100	10019982
22.23	29.53	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950795
23.8	31.1	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950796

Max. 200 articles in the table

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Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Compound	Material energizer	Temperature range	Article
mm	mm	mm	mm				°C	Max. 200 articles in the table
25	35.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11292662
25	35.7	4.2	4	PTFE	PTFE GM201	NBR	-30 / 100	11330687
25.4	32.7	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950797
25.4	40.5	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950812
26.97	34.27	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950798
28	35.3	3.2	3	PTFE	PTFE GM201	NBR	-30 / 100	10019983
28.58	35.88	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950799
30	40.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11369903
30.15	37.45	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950800
31.75	39.05	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950801
33.32	40.62	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950802
34	41.3	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950763
34.93	42.23	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950803
35	42.3	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11039486
35	45.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11369901
36	43.3	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950696
36	46.7	4.2	4	PTFE	PTFE GM201	NBR	-30 / 100	11292659
36.5	43.8	3.2	3	PTFE	PTFE B602	NBR	-30 / 100	11950804
37	47.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950785
38	48.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950770
38	53.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950771
40	50.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11292661
40	55.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11382932
41	51.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950775
42	52.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950697
42	57.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950698
44	54.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950838
44	59.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950784
44.45	59.55	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950813
48	63.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950774
50	65.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11395646
50.8	65.9	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950814
52	67.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950841
53.98	64.68	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950805
54	69.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950815
55	65.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950699
55	70.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11382931
56	71.1	6.3	5.9	PTFE	PTFE B602	FKM	-10 / 200	11409668
56	71.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11382930
57.15	67.85	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950806
57.15	72.25	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950816
58	73.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950780
60	75.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11362317
60	75.1	6.3	5.9	PTFE	PTFE GM201	NBR	-30 / 100	10019984
63.5	74.2	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950807
63.5	78.6	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950817
66.68	77.38	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950808
69.85	80.55	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950809
70	85.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11348196
73.03	83.73	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950810
73.03	88.13	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950818
75	90.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950700

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Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Compound	Material energizer	Temperature range	Article
mm	mm	mm	mm				°C	Max. 200 articles in the table
76.2	86.9	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950811
76.2	91.3	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950819
80	90.7	4.2	4	PTFE	PTFE B602	NBR	-30 / 100	11950701
80	95.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11348195
80	95.1	6.3	5.9	PTFE	PTFE GM201	NBR	-30 / 100	10019986
82.55	97.65	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950820
88	103.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950764
88.9	104	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950781
90	105.1	6.3	5.9	PTFE	PTFE B602	FKM	-10 / 200	11904922
90	105.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950782
92.08	107.18	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950821
95	110.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	10019980
100	115.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11292660
101.6	116.7	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950822
101.6	122.1	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950826
103	118.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950765
104.78	125.28	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950827
107	122.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950776
110	125.1	6.3	5.9	PTFE	PTFE B602	FKM	-10 / 200	11448790
111.13	131.63	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950828
113	128.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950766
114.3	134.8	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950829
117.48	137.98	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950830
125	140.1	6.3	5.9	PTFE	PTFE GM201	NBR	-30 / 100	11071669
130	145.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11479605
130	145.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950702
133.35	148.45	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950823
135	150.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950772
139.7	154.8	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950824
140	155.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11382933
145	160.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950835
150	165.1	6.3	5.9	PTFE	PTFE GM201	NBR	-30 / 100	11465262
152.4	167.5	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950786
155	170.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11152899
160	175.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11382934
165	180.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950842
167	182.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950762
170	185.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11308208
173	188.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950839
175	190.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11426648
177.8	192.9	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11950825
180	195.1	6.3	5.9	PTFE	PTFE B602	NBR	-30 / 100	11300263
200	220.5	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11417651
210	230.5	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11758332
215.9	236.4	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950831
220	240.5	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11499023
225	245.5	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950703
228.6	249.1	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950832
230	250.5	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11362628
235	255.5	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950837
241.3	261.8	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950833
250	270.5	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11417652

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Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Compound	Material energizer	Temperature range	Article
mm	mm	mm	mm				°C	Max. 200 articles in the table
254	274.5	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950834
265	289	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950777
270	294	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11413202
275	299	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950836
290	314	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950704
310	334	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11082949
320	344	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11541901
330	354	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	10068556
350	374	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950773
360	384	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11049821
370	394	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11210845
375	399	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950783
380	404	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950705
390	414	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950706
395	419	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950840
400	424	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950707
410	434	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950708
420	444	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950709
430	454	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950710
450	474	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950711
460	484	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950712
480	504	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950713
485	509	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950714
490	514	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950715
495	519	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950716
500	524	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950717
510	534	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950778
515	539	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950718
520	544	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11314513
530	554	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950719
540	564	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950720
550	574	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950721
555	579	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950722
560	584	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11375585
570	594	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950723
580	604	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950724
590	614	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950725
600	624	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950726
620	644	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950727
630	654	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950728
640	664	8.1	7.6	PTFE	PTFE B602	NBR	-30 / 100	11950729
650	677.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950730
660	687.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950731
670	697.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950732
680	707.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950733
690	717.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950734
700	727.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950735
710	737.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950736
720	747.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950737
730	757.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950738
735	762.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950739
740	767.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950740

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mm	mm	mm	mm				°C	
750	777.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950741
760	787.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950742
770	797.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950743
780	807.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950744
790	817.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950745
795	822.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950746
800	827.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950747
810	837.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950748
820	847.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950749
830	857.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950750
840	867.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950751
850	877.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950752
860	887.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950753
870	897.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950754
875	902.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950761
880	907.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950755
890	917.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950756
900	927.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950757
910	937.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950758
920	947.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950759
930	957.3	9.5	8.7	PTFE	PTFE B602	NBR	-30 / 100	11950760

Max. 200 articles in the table

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