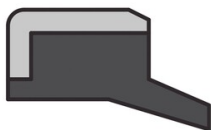


Wiper type EMN



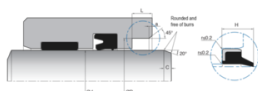
Characteristics

Type: EMN

Groove type: Open

Principle of operation: Single acting

Maximum speed: 1 m/s



Operating conditions			
Media	Mineral Oils [DIN 51524]	HFA and HFB	HFC
Temperature	-30°C + 100°C	+5°C + 60°C	-30°C + 60 °C
Speed	≤1,0 m/s	≤1,0 m/s	≤1,0 m/s

Note: The above data are maximum values, they may only be maintained for short periods of time and cannot be used at the same time simultaneously.

Surface roughness			
	Ra	Rmax	
Sliding Surface	≤0,4 µm	≤3,2 µm	
Groove Base	≤0,8 µm	≤6,3 µm	
Groove Flanks	≤3,2 µm	≤16 µm	

Hardware tolerances			
Dimension	Ød	ØD	L
Tolerance	f8	H8	+0,2/-0 mm

Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Temperature range	Article
mm	mm	mm	mm		°C	
10	20	5	8	NBR	-35 / 100	10017628
12	20	4	6	NBR	-35 / 100	10017629

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Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Temperature range	Article
mm	mm	mm	mm		°C	
14	22	3	4	NBR	-35 / 100	10017630
15	25	5	8	NBR	-35 / 100	10017631
16	22	3	4	NBR	-35 / 100	10017632
16	26	5	8	NBR	-35 / 100	10017633
18		7		NBR		10017634
20	28	3.5	5	NBR	-35 / 100	10017635
20	30	4	6	NBR	-35 / 100	10017636
20	30	7	10	NBR	-35 / 100	10017637
22	28	5	9	NBR	-35 / 100	10017638
22	35	5	8	NBR	-35 / 100	10017640
22		7		NBR		10017639
25	35	7	10	NBR	-35 / 100	10017641
28	40	7	10	NBR	-35 / 100	10017642
30	40	5	8	NBR	-35 / 100	10017643
30	40	7	10	NBR	-35 / 100	10017644
30	45	5	8	NBR	-35 / 100	10017645
32	40	4	7	NBR	-35 / 100	10017646
32	45	7	10	NBR	-35 / 100	10017648
32		5		NBR		11204783
32		7		NBR		10017647
35	45	7	10	NBR	-35 / 100	10017649
35	47	7	10	NBR	-35 / 100	10017650
40	50	5	8	NBR	-35 / 100	10017652
40	50	7	10	NBR	-35 / 100	10017653
40	52	7	10	NBR	-35 / 100	10017654
45	55	7	10	NBR	-35 / 100	10017655
45	60	7	10	NBR	-35 / 100	10017656
50	56	5	8	NBR	-35 / 100	10017657
50	60	7	10	NBR	-35 / 100	10017658
50	65	7	10	NBR	-35 / 100	10017659
52		7		NBR		10017660
55	65	7	10	NBR	-35 / 100	10017662
55		7		NBR		10017661
56		7		NBR		11204790
60	70	7	10	NBR	-35 / 100	10017663
60		7		NBR		11204791
63		7		NBR		10017664
65	75	7	10	NBR	-35 / 100	10017665
70	80	7	10	NBR	-35 / 100	10017666
75	85	7	10	NBR	-35 / 100	10017667
80	90	7	10	NBR	-35 / 100	10017668
85	95	7	10	NBR	-35 / 100	10017669
90	100	7	10	NBR	-35 / 100	10017670
95	105	7	10	NBR	-35 / 100	10017671
100	110	7	10	NBR	-35 / 100	10017672
105	115	7	10	NBR	-35 / 100	10017673
110	120	7	10	NBR	-35 / 100	10017674
115	125	7	10	NBR	-35 / 100	10017675
120	130	7	10	NBR	-35 / 100	10017676
125	140	9	12	NBR	-35 / 100	10017677
130	145	9	12	NBR	-35 / 100	10017678
140	155	9	12	NBR	-35 / 100	10017679
150	165	9	12	NBR	-35 / 100	10017680

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Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Temperature range	Article
mm	mm	mm	mm		°C	
160	175	9	12	NBR	-35 / 100	10017681
170	185	10	14	NBR	-35 / 100	10017682
180	195	10	14	NBR	-35 / 100	10017683
200	220	12	16	NBR	-35 / 100	10017684
220		12		NBR		10017685

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