

## Wiper type 006N NBR



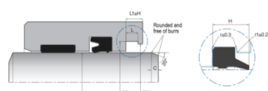
### Characteristics

**Type:** 006N

**Groove type:** Closed

**Principle of operation:** Single acting

**Maximum speed:** 1 m/s



Operating conditions			
Media	Mineral Oils [DIN 51524]	HFA and HFB	HFC
Temperature	-30°C + 105°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	≤1,6 µm	≤10 µm	
Groove Flanks	≤3,2 µm	≤16 µm	

Hardware tolerances				
Dimension	Ød	ØD	ØD1	L
Tolerance	f8	H10	H11	+0,2/-0 mm

Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Temperature range	Article
mm	mm	mm	mm		°C	
5	12	2.8	4	NBR	-30 / 105	12142025
8	12	2.3	3	NBR	-30 / 105	14409425
8	14.1	3.3	5	NBR	-30 / 105	14409424
8	14.6	3.8	4.5	NBR	-30 / 105	14409426
10	14.2	2.3	3	NBR	-30 / 105	14409427
10	16	3.8	5	NBR	-30 / 105	13482606
12	16.2	3.3	4.5	NBR	-30 / 105	14409430
12	18	2.6	3.5	NBR	-30 / 105	14409428
12	18.6	3.7	5.5	NBR	-30 / 105	13331998
12	18.6	3.8	5	NBR	-30 / 105	14410339
12	20	5	7	NBR	-30 / 105	14409429
14	18.6	2.3	3.3	NBR	-30 / 105	14409431

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Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Temperature range	Article
mm	mm	mm	mm		°C	
14	20.6	3.8	5	NBR	-30 / 105	14409432
15	21.8	3.5	5	NBR	-30 / 105	14409435
15	21.8	3.8	5	NBR	-30 / 105	14409433
15	27.3	5.3	7	NBR	-30 / 105	14409434
16	20.6	3.3	5	NBR	-30 / 105	14409440
16	22.6	3.7	5.5	NBR	-30 / 105	14409437
16	22.6	3.9	5	NBR	-30 / 105	14409438
16	22.8	3.1	4	NBR	-30 / 105	14409439
16	24.6	5.3	7	NBR	-30 / 105	14409436
18	24	3.7	5.5	NBR	-30 / 105	14409443
18	24	3.9	5	NBR	-30 / 105	14409444
18	26.6	5.3	7	NBR	-30 / 105	14409441
18	30.3	5.4	7	NBR	-30 / 105	14409442
19	28.4	5.3	7	NBR	-30 / 105	14409446
19.05	28.49	4.76	7.15	NBR	-30 / 105	14409445
20	25	4.3	6	NBR	-30 / 105	14409448
20	28.6	5.3	7	NBR	-30 / 105	14409447
20	30	5.3	7	NBR	-30 / 105	14409449
22	30.2	2.3	3.5	NBR	-30 / 105	14409452
22	30.6	5.3	7	NBR	-30 / 105	14409450
22.22	31.75	4.74	7.1	NBR	-30 / 105	14409451
22.4	31.2	5.3	6.5	NBR	-30 / 105	14409453
24	32	2.3	3.5	NBR	-30 / 105	14409455
24	32.6	5.3	7	NBR	-30 / 105	14409454
25	30	4.3	6	NBR	-30 / 105	14409458
25	30	4.8	6.5	NBR	-30 / 105	14409457
25	33.6	5.3	7	NBR	-30 / 105	11120750
25	35	7.2	10	NBR	-30 / 105	14229341
25.4	34.93	4.76	7.15	NBR	-30 / 105	14409456
27	35	5.3	7	NBR	-30 / 105	14409459
28	36.6	5.3	7	NBR	-30 / 105	10017690
28	38.2	5.3	7	NBR	-30 / 105	14409460
30	38.6	5.3	7	NBR	-30 / 105	11175190
30	39	5.3	7	NBR	-30 / 105	14409462
30	40.2	3.1	4	NBR	-30 / 105	14409463
30	45	5.3	8	NBR	-30 / 105	14409461
31.5	41.5	5.3	7	NBR	-30 / 105	14409464
31.75	41.27	4.76	7.15	NBR	-30 / 105	14409465
32	40	5.3	7	NBR	-30 / 105	11120751
32	40.2	3.8	5	NBR	-30 / 105	14409467
32	40.6	5.3	7	NBR	-30 / 105	14409466
32	41.6	5.3	7	NBR	-30 / 105	14409468
33	42	5.3	7	NBR	-30 / 105	14409469
34.92	44.45	4.76	7.15	NBR	-30 / 105	14409470
35	40.2	3.9	5	NBR	-30 / 105	14409473
35	43.6	5.3	7	NBR	-30 / 105	11175192
35	47.3	4.3	7	NBR	-30 / 105	14409472
35	47.5	5.3	7	NBR	-30 / 105	14409471
36	44.6	5.3	7	NBR	-30 / 105	14409474
36	48.2	5.3	7	NBR	-30 / 105	14409475
38	44	5	7	NBR	-30 / 105	14409479
38	46.6	5.3	7	NBR	-30 / 105	14409478
38.1	47.62	4.76	7.15	NBR	-30 / 105	14409476

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Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Temperature range	Article
mm	mm	mm	mm		°C	
40	48.6	4.3	7	NBR	-30 / 105	14409480
40	48.6	5.3	7	NBR	-30 / 105	11078343
40	50.6	5.3	7	NBR	-30 / 105	12528412
40	52.2	5.3	8	NBR	-30 / 105	14409481
40	52.2	6.3	8	NBR	-30 / 105	14409482
42	50.6	5.3	7	NBR	-30 / 105	14409483
43	55	5.3	7	NBR	-30 / 105	14409484
44.45	53.97	4.76	7.15	NBR	-30 / 105	14409485
45	53.6	5.3	7	NBR	-30 / 105	10017583
45	55.6	5.3	7	NBR	-30 / 105	14409486
45	60	4.3	6	NBR	-30 / 105	14409487
46	54	5.3	7	NBR	-30 / 105	14409488
48	56.6	5.3	7	NBR	-30 / 105	14409489
50	58.4	4	7	NBR	-30 / 105	14409497
50	58.6	4.3	6	NBR	-30 / 105	14409493
50	58.6	5.3	7	NBR	-30 / 105	14246840
50	60.6	5.3	7	NBR	-30 / 105	14409490
50	62	5.3	7	NBR	-30 / 105	14409496
50	65.6	4.3	6	NBR	-30 / 105	14409498
50	65.6	7.8	12	NBR	-30 / 105	14409491
50.8	63	6.7	9.52	NBR	-30 / 105	14409494
50.8	63.5	6.35	9.52	NBR	-30 / 105	14409492
53	61.6	5.3	7	NBR	-30 / 105	14409499
55	63.6	5.3	7	NBR	-30 / 105	10017585
55	65.6	5.3	7	NBR	-30 / 105	14409500
55	67.2	7.3	12	NBR	-30 / 105	14409501
56	64.6	5.3	7	NBR	-30 / 105	14409503
56	66.6	5.3	7	NBR	-30 / 105	14409502
57	67.6	5.3	7	NBR	-30 / 105	14409505
57.15	69.85	6.35	9.52	NBR	-30 / 105	14409504
58	68.6	5.3	7	NBR	-30 / 105	14409506
60	68.6	5.3	6.5	NBR	-30 / 105	14445768
60	68.6	5.3	7	NBR	-30 / 105	10017587
60	70	5.5	7	NBR	-30 / 105	13445266
60	70.2	6.3	10	NBR	-30 / 105	14409509
60	70.3	7.3	10	NBR	-30 / 105	14409508
60	70.6	5.3	7	NBR	-30 / 105	14409507
60.32	73.02	6.42	9.52	NBR	-30 / 105	14409510
63	71.6	5.3	7	NBR	-30 / 105	14409512
63	73.6	5.3	7	NBR	-30 / 105	14409511
63	75.2	6.3	9	NBR	-30 / 105	14409514
63.5	76.12	6.35	9.52	NBR	-30 / 105	14409513
65	73.6	5.3	7	NBR	-30 / 105	10017589
65	75.6	5.3	7	NBR	-30 / 105	13016549
65	77.2	7.2	12	NBR	-30 / 105	14409515
70	78.6	5.3	7	NBR	-30 / 105	10017591
70	80.6	5.3	7	NBR	-30 / 105	14409516
70	82.6	7.3	12	NBR	-30 / 105	11338242
75	83.2	5.3	7	NBR	-30 / 105	14409517
75	85.6	5.3	7	NBR	-30 / 105	14409518
75	87.2	7.3	12	NBR	-30 / 105	11244201
80	88.6	5.3	7	NBR	-30 / 105	10017594
80	90.2	6.3	9	NBR	-30 / 105	14409519

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mm	mm	mm	mm		°C	
80	92.2	7.3	12	NBR	-30 / 105	12961438
82	95	5.3	7	NBR	-30 / 105	14409520
85	93.6	5.3	7	NBR	-30 / 105	10017597
85	97.2	7.3	12	NBR	-30 / 105	13211151
88	100.2	7.3	12	NBR	-30 / 105	14409521
90	98	5.3	7	NBR	-30 / 105	12403394
90	100.6	7.3	12	NBR	-30 / 105	14409522
90	102.2	7.3	12	NBR	-30 / 105	12303336
95	103.6	5.3	7	NBR	-30 / 105	14409524
95	107.2	7.3	12	NBR	-30 / 105	14409523
100	108.6	5.3	7	NBR	-30 / 105	14409526
100	108.6	6	8	NBR	-30 / 105	14409527
100	110.6	5.3	7	NBR	-30 / 105	10017603
100	112.2	7.3	12	NBR	-30 / 105	14409525
103	115.2	7.3	12	NBR	-30 / 105	14409528
105	113.6	5.3	7	NBR	-30 / 105	10017604
105	117.2	7.3	12	NBR	-30 / 105	14409529
110	118.6	5.3	7	NBR	-30 / 105	10017605
110	122.2	7.3	12	NBR	-30 / 105	13016550
115	123.2	5.3	7	NBR	-30 / 105	14409531
115	125.6	5.3	7	NBR	-30 / 105	14409532
115	127.2	7.3	12	NBR	-30 / 105	14409530
120	128.6	5.3	7	NBR	-30 / 105	14409534
120	130	5.3	7	NBR	-30 / 105	14409533
120	132.2	7.3	12	NBR	-30 / 105	10017608
125	133.6	5.3	7	NBR	-30 / 105	14409536
125	137.6	7.3	12	NBR	-30 / 105	14409537
125	140	10.3	16	NBR	-30 / 105	14409535
130	142.6	7.3	12	NBR	-30 / 105	14409539
130	145	10.2	16	NBR	-30 / 105	14409538
135	147	7.3	12	NBR	-30 / 105	14409540
135	149.2	7.3	12	NBR	-30 / 105	14409541
140	150	5.3	7	NBR	-30 / 105	14409543
140	152.2	7.3	12	NBR	-30 / 105	10017614
140	155.6	10.3	16	NBR	-30 / 105	14409542
150	165	10.3	16	NBR	-30 / 105	14409544
155	167	7.3	12	NBR	-30 / 105	11940989
160	172	7.3	12	NBR	-30 / 105	14409546
160	172	7.8	12	NBR	-30 / 105	14409547
160	175	9.5	13	NBR	-30 / 105	14409548
160	175	10.3	16	NBR	-30 / 105	14409545
163	175.8	7.3	12	NBR	-30 / 105	14409549
165	180	10.3	16	NBR	-30 / 105	10017617
170	182.2	7.3	12	NBR	-30 / 105	10017618
170	185	10.3	16	NBR	-30 / 105	14409550
180	195.2	10.3	16	NBR	-30 / 105	14409552
180	200	10.3	18	NBR	-30 / 105	14409551
185	197	7.3	12	NBR	-30 / 105	14409553
185	200	10.3	16	NBR	-30 / 105	10017623
190	210	10.3	18	NBR	-30 / 105	14409554
195	210	10.2	16	NBR	-30 / 105	14409555
200	220	10.3	18	NBR	-30 / 105	14409556
210	225	10.2	16	NBR	-30 / 105	11179306

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Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Temperature range	Article
mm	mm	mm	mm		°C	
210	230	10.3	18	NBR	-30 / 105	11011631
212	224	7.3	12	NBR	-30 / 105	14409557
220	235	10.3	16	NBR	-30 / 105	14409560
220	235	10.3	18	NBR	-30 / 105	14409558
220	240	10.3	18	NBR	-30 / 105	14409559
225	245	10.3	18	NBR	-30 / 105	10017556
230	250	10.3	18	NBR	-30 / 105	10017557
240	248	5.3	7	NBR	-30 / 105	14409562
240	260.2	10.3	18	NBR	-30 / 105	14409561
250	270	10.3	18	NBR	-30 / 105	10017561
260	280	10.3	18	NBR	-30 / 105	10017562
270	285	8.3	12	NBR	-30 / 105	14409563
270	290	10.3	18	NBR	-30 / 105	11031863
280	300	10.3	18	NBR	-30 / 105	10017564
300	320	10.3	18	NBR	-30 / 105	10017567
320	335	8.3	12	NBR	-30 / 105	14409564
330	346.2	10.3	16	NBR	-30 / 105	14409566
330	354	8.3	15	NBR	-30 / 105	14409565

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