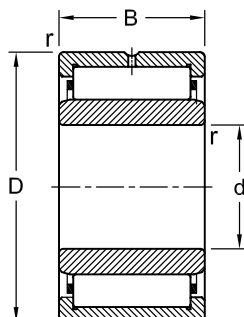


Needle Roller Bearings

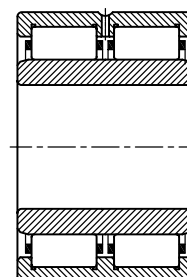


Metric Series

NA, NKI, NKIS



NA 49/NKI/NKIS



NA 69

Dimensions				Load Rating		AEC Bearing
mm				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
10	22	14	0.3	8.5	13.9	NA 4900
	22	16	0.3	10.1	11.5	NKI 10/16
	22	20	0.3	12.8	15.6	NKI 10/20
	28	16	0.6	15.7	15.8	NKIS 10
12	24	13	0.3	9.4	10.9	NA 4901
	24	16	0.3	11.3	13.9	NKI 12/16
	24	20	0.3	14.4	18.8	NKI 12/20
	24	22	0.3	16.0	21.6	NA 6901
15	30	16	0.6	16.8	17.7	NKIS 12
	27	16	0.3	13.0	17.4	NKI 15/16
	27	20	0.3	16.5	23.6	NKI 15/20
	28	13	0.3	10.6	13.6	NA 4902
17	28	23	0.3	17.3	25.5	NA 6902
	35	20	0.6	24.5	28.0	NKIS 15
	29	16	0.3	13.5	18.7	NKI 17/16
	29	20	0.3	17.1	25.5	NKI 17/20
20	30	13	0.3	11.0	14.6	NA 4903
	30	23	0.3	18.6	29.0	NA 6903
	37	20	0.6	26.0	31.0	NKIS 17
	32	16	0.3	15.0	22.3	NKI 20/16
22	32	20	0.3	19.0	30.5	NKI 20/20
	37	17	0.3	21.0	25.5	NA 4904
	37	30	0.3	36.0	51.0	NA 6904
	42	20	0.6	28.5	36.5	NKIS 20
25	34	16	0.3	15.3	23.6	NKI 22/16
	34	20	0.3	19.4	32.0	NKI 22/20
28	38	20	0.3	21.9	34.0	NKI 25/20
	38	30	0.3	32.5	57.0	NKI 25/30
	42	17	0.3	23.6	31.5	NA 4905
	42	30	0.3	39.0	59.0	NA 6905
28	47	22	0.6	33.5	43.5	NKIS 25
	42	20	0.3	23.1	37.5	NKI 28/20

Dimensions				Load Rating		AEC Bearing
mm				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
30	42	30	0.3	34.5	63.0	NKI 28/30
	45	20	0.3	24.3	41.5	NKI 30/20
	45	30	0.3	36.5	69.0	NKI 30/30
	47	17	0.3	25.0	35.5	NA 4906
	47	17	0.3	43.5	71.0	NA 6906
32	52	22	0.6	36.5	50.0	NKIS 30
	47	20	0.3	24.9	43.5	NKI 32/20
	47	30	0.3	37.0	73.0	NKI 32/30
35	50	20	0.3	26.0	47.0	NKI 35/20
	50	30	0.3	39.0	79.0	NKI 35/30
	55	20	0.6	31.5	50.0	NA 4907
	55	36	0.6	48.0	86.0	NA 6907
38	58	22	0.6	39.0	57.0	NKIS 35
	53	20	0.3	27.0	51.0	NKI 38/20
	53	30	0.3	40.5	85.0	NKI 38/30
40	55	20	0.3	27.5	53.0	NKI 40/20
	55	30	0.3	41.0	88.0	NKI 40/30
	62	22	0.6	43.0	67.0	NA 4908
	62	40	0.6	66.0	116.0	NA 6908
42	65	22	1.0	42.5	67.0	NKIS 40
	57	20	0.3	28.5	56.0	NKI 42/20
	57	30	0.3	43.0	94.0	NKI 42/30
45	62	25	0.6	38.0	74.0	NKI 45/25
	62	35	0.6	50.0	106.0	NKI 45/35
	68	22	0.6	45.0	73.0	NA 4909
	68	40	0.6	69.0	127.0	NA 6909
	72	22	1.0	45.0	740.0	NKIS 45
50	68	25	0.6	40.0	82.0	NKI 50/25
	68	35	0.6	53.0	118.0	NKI 50/35
50	72	22	0.6	47.0	80.0	NA 4910
	72	40	0.6	73.0	139.0	NA 6910
	80	28	1.1	63.0	98.0	NKIS 50
55	72	25	0.6	42.0	90.0	NKI 55/25
	72	35	0.6	56.0	130.0	NKI 55/35
	80	25	1.0	58.0	100.0	NA 4911
	80	45	1.0	90.0	176.0	NA 6911
	85	28	1.1	67.0	108.0	NKIS 55
60	82	25	0.6	43.5	89.0	NKI 60/25
	82	35	0.6	62.0	139.0	NKI 60/35
	85	25	1.0	60.0	108.0	NA 4912
	85	45	1.0	94.0	191.0	NA 6912
65	90	28	1.1	68.0	113.0	NKIS 60
	90	25	1.0	53.0	100.0	NKI 65/25
	90	25	1.0	61.0	112.0	NA 4913
	90	35	1.0	75.0	156.0	NKI 65/35
65	90	45	1.0	95.0	198.0	NA 6913
	95	28	1.1	71.0	123.0	NKIS 65
70	95	25	1.0	56.0	119.0	NKI 70/25

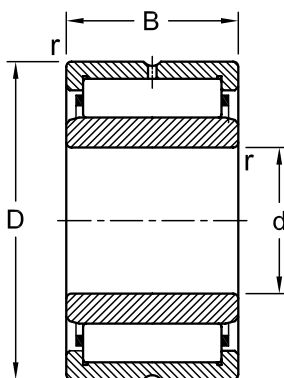
Dimensions				Load Rating		AEC Bearing
mm				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
	95	35	1.0	78.0	184.0	NKI 70/35
	100	30	1.0	84.0	156.0	NA 4914
	100	54	1.0	128.0	265.0	NA 6914
	100	28	1.1	75.0	133.0	NKIS 70
75	105	25	1.0	69.0	123.0	NKI 75/25
	105	30	1.0	86.0	162.0	NA 4915
	105	35	1.0	98.0	193.0	NKI 75/35
	105	54	1.0	130.0	275.0	NA 6915
80	110	25	1.0	72.0	132.0	NKI 80/25
	110	30	1.0	89.0	174.0	NA 4916
	110	35	1.0	103.0	208.0	NKI 80/35
	110	54	1.0	135.0	300.0	NA 6916
85	115	26	1.0	73.0	137.0	NKI 85/26
	115	36	1.0	107.0	223.0	NKI 85/36
	120	35	1.1	111.0	237.0	NA 4917
	120	63	1.1	166.0	400.0	NA 6917
90	120	26	1.0	76.0	146.0	NKI 90/26
	120	36	1.0	111.0	237.0	NKI 90/36
	125	35	1.1	114.0	250.0	NA 4918
	125	63	1.1	172.0	425.0	NA 6918
95	125	26	1.0	78.0	155.0	NKI 95/26
	125	36	1.0	114.0	250.0	NKI 95/36
95	130	35	1.1	116.0	260.0	NA 4919
	130	63	1.1	174.0	440.0	NA 6919
100	130	30	1.1	98.0	210.0	NKI 100/30
	130	40	1.1	127.0	290.0	NKI 100/40
	140	40	1.1	128.0	270.0	NA 4920
110	140	40	1.1	113.0	275.0	NKI 110/40
	150	40	1.1	132.0	290.0	NA 4922
120	165	45	1.1	181.0	390.0	NA 4924
130	180	50	1.5	203.0	470.0	NA 4926
140	180	32	1.5	114.0	260.0	NKI 140/32
	190	50	1.5	209.0	500.0	NA 4928

Needle Roller Bearings



Inch Series

AB/LRB



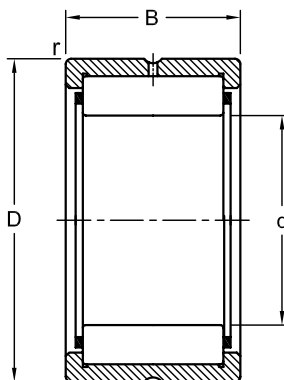
Dimensions				Load Rating		AEC Bearing
inch (mm)				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
0.3750	1.1250	0.7500	0.0236 (0.6)	16.2	19.1	AB 1012/LRB 61012
0.5000	1.2500	0.7500	0.0394 (1.0)	18.7	24.0	AB 1212/LRB 81212
	1.2500	1.0000	0.0394 (1.0)	25.6	36.0	AB 1216/LRB 81216
0.6250	1.3750	0.7500	0.0394 (1.0)	19.8	26.7	AB 1412/LRB 101412
	1.3750	1.0000	0.0394 (1.0)	27.1	40.0	AB 1416/LRB 101416
0.7500	1.5000	0.7500	0.0394 (1.0)	21.8	31.6	AB 1612/LRB 121612
	1.5000	1.0000	0.0394 (1.0)	30.0	47.2	AB 1616/LRB 121616
0.8750	1.6250	1.0000	0.0394 (1.0)	31.1	29.8	AB 1816/LRB 141816
	1.6250	1.2500	0.0394 (1.0)	40.7	72.5	AB 1820/LRB 141820
1.0000	1.7500	0.7500	0.0394 (1.0)	25.3	0.0	AB 2012/LRB 162012
	1.7500	1.0000	0.0394 (1.0)	33.6	58.3	AB 2016/LRB 162016
	1.7500	1.2500	0.0394 (1.0)	42.1	77.9	AB 2020/LRB 162020
1.1250	1.8750	1.0000	0.0394 (1.0)	36.0	65.4	AB 2216/LRB 182216
	1.8750	1.2500	0.0394 (1.0)	45.2	87.7	AB 2220/LRB 182220
1.2500	2.0625	1.0000	0.0594 (1.5)	38.5	69.0	AB 2416/LRB 202416
	2.0625	1.2500	0.0594 (1.5)	48.5	92.6	AB 2420/LRB 202420
1.3125	2.1875	1.0000	0.0594 (1.5)	39.4	73.0	AB 2616/LRB 222616
1.3750	2.1875	1.2500	0.0594 (1.5)	49.8	98.3	AB 2620/LRB 222620
1.5000	2.3125	1.0000	0.0594 (1.5)	41.8	80.5	AB 2816/LRB 242816
	2.3125	1.2500	0.0594 (1.5)	52.7	108.6	AB 2820/LRB 242820
1.5625	2.4375	1.0000	0.0594 (1.5)	42.9	84.6	AB 3016/LRB 253016
	2.4375	1.2500	0.0594 (1.5)	54.1	113.9	AB 3020/LRB 253020
1.6250	2.5000	1.2500	0.0594 (1.5)	56.1	160.9	AB 3120/LRB 263120
1.6875	2.5625	1.0000	0.0594 (1.5)	45.2	92.1	AB 3216/LRB 273216
	2.5625	1.2500	0.0594 (1.5)	56.7	124.2	AB 3220/LRB 273220
1.7500	3.0000	1.5000	0.0594 (1.5)	83.9	174.0	AB 3624/LRB 283624
2.0000	3.2500	1.5000	0.0787 (2.0)	87.9	191.0	AB 4024/LRB 324024
2.1875	3.5000	1.7500	0.0787 (2.0)	102.7	315.6	HJ 445628/IR 354428
2.2500	3.5000	1.5000	0.0787 (2.0)	92.1	207.8	AB 4424/LRB 364424
2.5000	3.7500	1.5000	0.0787 (2.0)	98.3	232.7	AB 4824/LRB 404824
2.7500	4.2500	1.7500	0.0787 (2.0)	130.8	286.6	AB 5228/LRB 445228
	4.2500	2.0000	0.0787 (2.0)	155.0	310.0	AB 5232/LRB 445232

Dimensions				Load Rating		AEC Bearing
inch (mm)				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
3.0000	4.5000	2.0000	0.0787 (2.0)	156.6	371.6	AB 5632/LRB 485632

Needle Roller Bearings

Without Inner Ring
Metric Series

NK, NKS, RNA



Dimensions				Load Rating		AEC Bearing
mm				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
14	22	14	0.3	8.5	9.2	RNA 4900
	22	16	0.3	10.1	11.5	NK 14/16
	22	20	0.3	12.8	15.6	NK 14/20
15	23	16	0.3	10.7	12.7	NK 15/16
	23	20	0.3	13.6	17.2	NK 15/20
16	24	13	0.3	9.4	10.9	RNA 4901
	24	16	0.3	11.3	13.9	NK 16/16
	24	20	0.3	14.4	18.8	NK 16/20
	24	22	0.3	16.0	21.6	RNA 6901
17	25	16	0.3	11.9	15.0	NK 17/16
	25	20	0.3	15.1	20.4	NK 17/20
18	26	16	0.3	12.5	16.2	NK 18/16
	26	20	0.3	15.8	22.0	NK 18/20
19	27	16	0.3	13.0	17.4	NK 19/16
	27	20	0.3	16.5	23.6	NK 19/20
20	28	13	0.3	10.6	13.6	RNA 4902
	28	16	0.3	13.0	17.5	NK 20/16
	28	20	0.3	16.4	23.8	NK 20/20
	28	23	0.3	17.3	25.5	RNA 6902
21	29	16	0.3	13.5	18.7	NK 21/16
	29	20	0.3	17.1	25.5	NK 21/20
22	30	13	0.3	11.0	14.6	RNA 4903
	30	16	0.3	14.0	19.9	NK 22/16
	30	20	0.3	17.7	27.0	NK 22/20
	30	23	0.3	18.6	29.0	RNA 6903
24	32	16	0.3	15.0	22.3	NK 24/16
	32	20	0.3	19.0	30.5	NK 24/20
	37	20	0.6	26.0	31.0	NKS 24
25	33	16	0.3	14.9	22.4	NK 25/16
	33	20	0.3	18.8	30.5	NK 25/20
	37	17	0.3	21	25.5	RNA 4904
	37	30	0.3	36.0	51.0	RNA 6904

Dimensions				Load Rating		AEC Bearing
mm				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
	38	20	0.6	27.5	33.5	NKS 25
26	34	16	0.3	15.3	23.6	NK 26/16
	34	20	0.3	19.4	32.0	NK 26/20
28	37	20	0.3	22.0	34.0	NK 28/20
	37	30	0.3	33.0	57.0	NK 28/30
29	42	20	0.6	28.5	36.5	NKS 28
	38	20	0.3	21.9	34.0	NK 29/20
30	38	30	0.3	32.5	57.0	NK 29/30
	40	20	0.3	22.6	36.0	NK 30/20
32	40	30	0.3	33.5	60.0	NK 30/30
	42	17	0.3	23.6	31.5	RNA 4905
35	42	30	0.3	39.0	59.0	RNA 6905
	45	22	0.6	32.0	40.0	NKS 30
37	42	20	0.3	23.1	37.5	NK 32/20
	42	30	0.3	34.5	63.0	NK 32/30
38	45	17	0.3	24.4	33.5	RNA 49/28
	45	30	0.3	40.5	63.0	RNA 69/28
40	47	22	0.6	33.5	43.5	NKS 32
	45	20	0.3	24.3	41.5	NK 35/20
42	45	30	0.3	36.5	69.0	NK 35/30
	47	17	0.3	25.0	35.5	RNA 4906
43	47	30	0.3	43.5	71.0	RNA 6906
	50	22	0.6	35.0	47.0	NKS 35
45	47	20	0.3	24.9	43.5	NK 37/20
	47	30	0.3	37.0	73.0	NK 37/30
47	52	22	0.6	36.5	50.0	NKS 37
	48	20	0.3	25.5	45.0	NK 38/20
48	48	30	0.3	38.0	76.0	NK 38/30
	50	20	0.3	26.0	47.0	NK 40/20
50	50	30	0.3	39.0	79.0	NK 40/30
	52	20	0.6	30.5	47.5	RNA 49/32
52	52	36	0.6	47.0	82.0	RNA 69/32
	55	22	0.6	38.0	54.0	NKS 40
55	52	20	0.3	26.5	49.0	NK 42/20
	52	30	0.3	39.5	82.0	NK 42/30
58	55	20	0.6	31.5	50.0	RNA 4907
	55	36	0.6	48.0	86.0	RNA 6907
60	53	20	0.3	27.0	51.0	NK 43/20
	53	30	0.3	40.5	85.0	NK 43/30
63	58	22	0.6	39.0	57.0	NKS 43
	55	20	0.3	27.5	53.0	NK 45/20
65	55	30	0.3	41.0	88.0	NK 45/30
	60	22	0.6	40.5	60.0	NKS 45
68	57	20	0.3	28.5	56.0	NK 47/20
	57	30	0.3	43.0	94.0	NK 47/30
70	62	22	0.6	43.0	67.0	RNA 4908
	62	40	0.6	66.0	116.0	RNA 6908
75	65	22	1.0	42.5	67.0	NKS 50

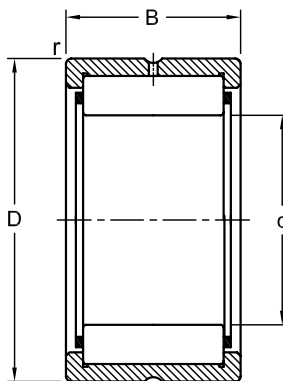
Dimensions				Load Rating		AEC Bearing
mm				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
	62	25	0.6	38.0	74.0	NK 50/25
	62	35	0.6	50.0	106.0	NK 50/35
52	68	22	0.6	38.5	38.0	RNA 4909
	68	40	0.6	69.0	127.0	RNA 6909
55	68	25	0.6	40.0	82.0	NK 55/25
	68	35	0.6	53.0	118.0	NK 55/35
	72	22	1.0	45.0	74.0	NKS 55
58	72	22	0.6	47.0	80.0	RNA 4910
	72	40	0.6	73.0	139.0	RNA 6910
60	72	25	0.6	42.0	90.0	NK 60/25
	72	35	0.6	56.0	130.0	NK 60/35
	80	28	1.1	63	98	NKS 60
63	80	25	1.0	58.0	100.0	RNA 4911
	80	45	1.0	90.0	176.0	RNA 6911
65	78	25	0.6	44.0	98.0	NK 65/25
	78	35	0.6	59.0	142.0	NK 65/35
	85	28	1.1	67.0	108.0	NKS 65
68	82	25	0.6	43.5	59.0	NK 68/25
	82	35	0.6	62.0	139.0	NK 68/35
68	85	25	1.0	60.0	108.0	RNA 4912
	85	45	1.0	94.0	191.0	RNA 6912
70	85	25	0.6	44.5	92.0	NK 70/25
	85	35	0.6	63	144	NK 70/35
	90	28	1.1	68.0	113.0	NKS 70
72	90	25	1.0	61.0	112.0	RNA 4913
	90	45	1.0	95.0	198.0	RNA 6913
73	90	25	1.0	53.0	100.0	NK 73/25
	90	35	1.0	75	156	NK 73/35
75	92	25	1.0	54.0	104.0	NK 75/25
	92	35	1.0	77.0	162.0	NK 75/35
	95	28	1.1	71.0	123.0	NKS 75
80	95	25	1.0	56.0	119.0	NK 80/25
	95	35	1.0	78.0	184.0	NK 80/35
	100	28	1.1	75.0	133.0	NKS 80
	100	30	1.0	84.0	156.0	RNA 4914
	100	54	1.0	128.0	265.0	RNA 6914
85	105	25	1.0	69.0	123.0	NK 85/25
	105	30	1.0	86.0	162.0	RNA 4915
	105	35	1.0	98.0	193.0	NK 85/35
	105	54	1.0	130.0	275.0	RNA 6915
90	110	25	1.0	72.0	132.0	NK 90/25
	110	35	1.0	89.0	174.0	RNA 4916
	110	35	1.0	103.0	208.0	NK 90/35
	110	54	1.0	135.0	300.0	RNA 6916
95	115	26	1.0	73.0	137.0	NK 95/26
	115	35	1.0	107.0	223.0	NK 95/36
100	120	26	1.0	76.0	146.0	NK 100/26
	120	35	1.1	111.0	124.0	RNA 4917

Dimensions				Load Rating		AEC Bearing
mm				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
105	120	36	1.0	111.0	237.0	NK 100/36
	120	63	1.1	166.0	400.0	RNA 6917
	125	26	1.0	78.0	155.0	NK 105/26
	125	35	1.1	114.0	250.0	RNA 4918
	125	36	1.0	114.0	250.0	NK 105/36
110	125	63	1.1	172.0	425.0	RNA 6918
	130	30	1.1	98.0	210.0	NK 110/30
	130	35	1.1	116.0	260.0	RNA 4919
	130	40	1.1	127.0	290.0	NK 110/40
115	130	63	1.1	174.0	440.0	RNA 6919
	135	32	1.1	91.0	204.0	NKS 115
	140	40	1.1	128.0	270.0	RNA 4920
125	150	40	1.1	132.0	29.0	RNA 4922
135	165	45	1.1	181.0	390.0	RNA 4924
150	180	50	1.5	203.0	470.0	RNA 4926
160	190	50	1.5	209.0	500.0	RNA 4928

Needle Roller Bearings

Without Inner Ring
Inch Series

MR



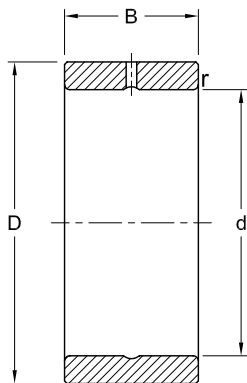
Dimensions				Load Rating		AEC Bearing
inch (mm)				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
0.6250	1.1250	0.7500	0.0236 (0.6)	16.2	19.1	MR 10 N
	1.1250	1.0000	0.0236 (0.6)	22.3	28.9	MR 10
0.7500	1.2500	0.7500	0.0394 (1.0)	18.7	24.0	MR 12 N
	1.2500	1.0000	0.0394 (1.0)	25.6	36.0	MR 12
0.8750	1.3750	0.7500	0.0394 (1.0)	19.8	26.7	MR 14 N
	1.3750	1.0000	0.0394 (1.0)	27.1	40.0	MR 14
1.0000	1.5000	0.7500	0.0394 (1.0)	21.8	31.6	MR 16 N
	1.5000	1.0000	0.0394 (1.0)	30.0	47.2	MR 16
1.1250	1.6250	1.0000	0.0394 (1.0)	32.5	54.3	MR 18 N
	1.6250	1.2500	0.0394 (1.0)	40.7	72.5	MR 18
1.2500	1.7500	1.0000	0.0394 (1.0)	33.6	58.3	MR 20 N
	1.7500	1.2500	0.0394 (1.0)	42.1	77.9	MR 20
1.3750	1.8750	1.0000	0.0394 (1.0)	36.0	65.4	MR 22 N
	1.8750	1.2500	0.0394 (1.0)	45.2	87.7	MR 22
1.5000	2.0625	1.5000	0.0591 (1.5)	38.5	69.0	MR 24 N
	2.0625	1.2500	0.0591 (1.5)	48.5	92.6	MR 24
1.6250	2.1875	1.0000	0.0591 (1.5)	39.4	73.0	MR 26 N
	2.1875	1.2500	0.0591 (1.5)	49.8	98.3	MR 26
1.7500	2.3125	1.0000	0.0591 (1.5)	41.8	80.5	MR 28 N
	2.3125	1.2500	0.0591 (1.5)	52.7	108.6	MR 28
1.8750	2.4375	1.0000	0.0591 (1.5)	42.9	84.6	MR 30 N
	2.4375	1.2500	0.0591 (1.5)	54.1	113.9	MR 30
1.9375	2.5000	1.2500	0.0591 (1.5)	49.8	112.1	MR 31
2.0000	2.5625	1.0000	0.0591 (1.5)	45.2	92.1	MR 32 N
	2.5625	1.2500	0.0591 (1.5)	56.7	124.2	MR 32
2.2500	3.0000	1.5000	0.0591 (1.5)	83.9	174.0	MR 36 N
	3.0000	1.7500	0.0591 (1.5)	97.5	211.0	MR 36
2.5000	3.2500	1.5000	0.0787 (2.0)	87.9	191.0	MR 40 N
	3.2500	1.7500	0.0787 (2.0)	102.0	231.8	MR 40
2.7500	3.5000	1.5000	0.0787 (2.0)	92.1	207.8	MR 44 N
	3.5000	1.7500	0.0787 (2.0)	107.0	252.3	MR 44
3.0000	3.7500	1.5000	0.0787 (2.0)	98.3	232.7	MR 48 N

Dimensions				Load Rating		AEC Bearing
inch (mm)				kN		
d	D	B	r	Dynamic (C)	Static (C ₀)	
	3.7500	1.7500	0.0787 (2.0)	114.1	282.1	MR 48
3.2500	4.2520	1.7500	0.0787 (2.0)	130.8	286.6	MR 52
3.5000	4.5000	1.7500	0.0787 (2.0)	137.0	318.6	MR 56 N
	4.5000	2.0000	0.0787 (2.0)	156.6	371.6	MR 56
3.7500	4.7500	2.0000	0.0984 (2.5)	159.7	387.6	MR 60
4.0000	5.0000	2.0000	0.0984 (2.5)	165.5	417.4	MR 64
4.2500	5.2500	2.0000	0.0984 (2.5)	171.8	449.5	MR 68
4.5000	6.0000	2.2500	0.0984 (2.5)	257.7	578.5	MR 72
5.0000	6.5000	2.2500	0.0984 (2.5)	277.2	672.0	MR 80
5.5000	7.0000	2.5000	0.0984 (2.5)	286.1	755.6	MR 88 N
	7.0000	3.0000	0.0984 (2.5)	368.0	987.9	MR 88
6.0000	7.5000	2.5000	0.1181 (3.0)	313.3	787.7	MR 96 N
	7.5000	3.0000	0.1181 (3.0)	373.8	992.4	MR 96
6.5000	8.0000	2.5000	0.1181 (3.0)	316.4	814.4	MR 104 N
	8.0000	3.0000	0.1181 (3.0)	378.3	1028.0	MR 104
7.2500	9.1250	3.0000	0.1181 (3.0)	451.7	1108.0	MR 116
7.7500	9.6250	3.0000	0.1181 (3.0)	458.4	1192.6	MR 124
8.2500	10.1250	3.0000	0.1181 (3.0)	476.2	1278.0	MR 132
8.7500	10.6250	3.0000	0.1575 (4.0)	489.5	1361.7	MR 140
9.2500	11.1250	3.0000	0.1575 (4.0)	502.3	1446.2	MR 148

Needle Roller Bearings

Inner Ring
Inch Series

MI



Dimensions				AEC Bearing
inch (mm)				
d	D	B	r	
0.3750	0.6245	0.7600	0.0236 (0.6)	MI 6 N
	0.6245	1.0100	0.0236 (0.6)	MI 6
0.4375	0.6245	0.7600	0.0236 (0.6)	MI 7 N
	0.7493	0.7600	0.0394 (1.0)	MI 8 N
	0.7493	1.0100	0.0394 (1.0)	MI 8
0.5625	0.7493	0.7600	0.0394 (1.0)	MI 9 N
0.6250	0.8743	0.7600	0.0394 (1.0)	MI 10 N
	0.8743	1.0100	0.0394 (1.0)	MI 10
0.6875	0.8743	0.7600	0.0394 (1.0)	MI 11 N
0.7500	0.9993	0.7600	0.0394 (1.0)	MI 12 N
	0.9993	1.0100	0.0394 (1.0)	MI 12
0.8125	0.9993	0.7600	0.0394 (1.0)	MI 13 N
	0.9993	1.0100	0.0394 (1.0)	MI 13
0.8750	1.1241	1.0100	0.0394 (1.0)	MI 14 N
	1.1241	1.2600	0.0394 (1.0)	MI 14
0.9375	1.1241	1.0100	0.0394 (1.0)	MI 15 N
	1.1241	1.2600	0.0394 (1.0)	MI 15
1.0000	1.2491	1.2600	0.0394 (1.0)	MI 16
	1.2491	1.2600	0.0394 (1.0)	MI 16 N
1.0625	1.3741	1.2600	0.0394 (1.0)	MI 17
1.1250	1.3741	1.0100	0.0394 (1.0)	MI 18 N
	1.3741	1.2600	0.0394 (1.0)	MI 18
1.1875	1.4990	1.2600	0.0591 (1.5)	MI 19
1.2500	1.4990	1.0100	0.0591 (1.5)	MI 20 N
	1.4990	1.2600	0.0591 (1.5)	MI 20
1.3125	1.6240	1.0100	0.0591 (1.5)	MI 21 N
	1.6240	1.2600	0.0591 (1.5)	MI 21
1.3750	1.6240	1.2600	0.0591 (1.5)	MI 22 4S
	1.7490	1.0100	0.0591 (1.5)	MI 22 N
	1.7490	1.2600	0.0591 (1.5)	MI 22
1.4375	1.7490	1.2600	0.0591 (1.5)	MI 23
1.5000	1.7490	1.0100	0.0591 (1.5)	MI 24 N

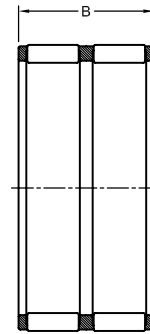
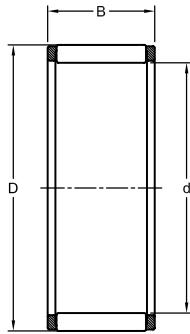
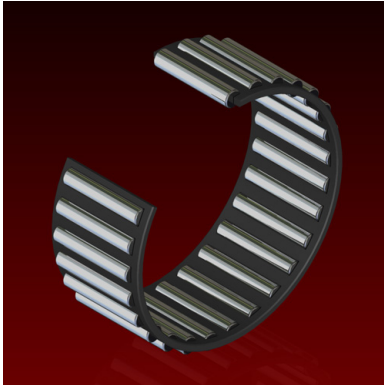
Dimensions				AEC Bearing
inch (mm)				
d	D	B	r	
	1.7490	1.2600	0.0591 (1.5)	MI 24
1.5625	1.8740	1.2600	0.0591 (1.5)	MI 25 4S
	1.9989	1.2600	0.0591 (1.5)	MI 25
1.6250	1.9364	1.2600	0.0591 (1.5)	MI 26 2S
	1.9989	1.0100	0.0591 (1.5)	MI 26 N
	1.9989	1.2600	0.0591 (1.5)	MI 26
1.6875	1.9989	1.2600	0.0591 (1.5)	MI 27
1.7500	2.2489	1.5100	0.0591 (1.5)	MI 28 N
	2.2489	1.7600	0.0591 (1.5)	MI 28
1.8750	2.2489	1.7600	0.0591 (1.5)	MI 30
1.9375	2.4989	1.7600	0.0787 (2.0)	MI 31
2.0000	2.4989	1.5100	0.0787 (2.0)	MI 32 N
	2.4989	1.7600	0.0787 (2.0)	MI 32
2.1250	2.4989	1.7600	0.0787 (2.0)	MI 34
2.1875	2.7489	1.7600	0.0787 (2.0)	MI 35
2.2500	2.7489	1.5100	0.0787 (2.0)	MI 36 N
	2.7489	1.7600	0.0787 (2.0)	MI 36
2.3750	2.9989	1.7600	0.0787 (2.0)	MI 38
2.4375	2.9989	1.7600	0.0787 (2.0)	MI 39
2.5000	2.9989	1.5100	0.0787 (2.0)	MI 40 N
	2.9989	1.7600	0.0787 (2.0)	MI 40
2.6250	3.2487	1.7600	0.0787 (2.0)	MI 42
2.7500	3.2487	1.7600	0.0787 (2.0)	MI 44
2.8750	3.4987	2.0100	0.0787 (2.0)	MI 46
2.9375	3.4987	2.0100	0.0787 (2.0)	MI 47
3.0000	3.4987	1.7600	0.0787 (2.0)	MI 48 N
	3.4987	2.0100	0.0787 (2.0)	MI 48
3.1250	3.7487	2.0100	0.0984 (2.5)	MI 50
3.2500	3.7487	2.0100	0.0984 (2.5)	MI 52
3.3758	3.9984	2.0100	0.0984 (2.5)	MI 54
3.5000	3.9985	2.0100	0.0984 (2.5)	MI 56
3.6250	4.2485	2.0100	0.0984 (2.5)	MI 58
3.7500	4.2485	2.0100	0.0984 (2.5)	MI 60
3.8750	4.4985	2.2600	0.0984 (2.5)	MI 62
4.0000	4.9985	2.2600	0.0984 (2.5)	MI 64
4.2500	4.9985	2.2600	0.0984 (2.5)	MI 68
4.5000	5.4985	2.5150	0.0984 (2.5)	MI 72 N
	5.4985	3.0150	0.0984 (2.5)	MI 72
4.7500	5.4985	3.0150	0.0984 (2.5)	MI 76
5.0000	5.9983	2.5150	0.1181 (3.0)	MI 80 N
	5.9983	3.0150	0.1181 (3.0)	MI 80
5.2500	5.9983	3.0150	0.1181 (3.0)	MI 84
5.5000	6.4983	2.5150	0.1181 (3.0)	MI 88 N
	6.4983	3.0150	0.1181 (3.0)	MI 88
5.7500	6.4983	3.0150	0.1181 (3.0)	MI 92
6.0000	7.2481	3.0150	0.1181 (3.0)	MI 96
6.5000	7.7481	3.0150	0.1181 (3.0)	MI 104
7.0000	8.2481	3.0150	0.1181 (3.0)	MI 112

Dimensions				AEC Bearing
inch (mm)				
d	D	B	r	
7.5000	8.7480	3.0150	0.1575 (4.0)	MI 120
8.0000	9.2480	3.0150	0.1575 (4.0)	MI 128

Needle Roller Bearings

Cage Assemblies
Metric Series

AB



390000, 600000

Dimensions			Load Rating		AEC Bearing
mm			kN		
d	D	B	Dynamic (C)	Static (C ₀)	
15.0	25	18	19.2	28.1	AB 27319
16.0	21	22	14.1	28.3	AB 162122
20.0	27	30	26.8	55.9	AB 202730
	28	20	20.6	36.7	AB 202820
24.0	36	24	32.5	54.1	AB 243624
25.0	33	24	28.0	57.4	AB 253324
	35	30	41.2	82.4	AB 2025
	35	24	34.7	66.3	AB 253524
25.33	34.887	22.22	29.8	56.4	AB 2535
26.0	40	26	47.0	81.1	AB 2028
28.0	44	24	44.0	70.1	AB 284424
	48	23.8	54.8	83.0	AB 7050
30.0	37	20	25.9	60.8	AB 303720
	40	29.8	51.3	115.0	AB 304030
30.0	42	30	47.7	92.9	AB 2030
32.0	52.012	49	126.2	246.7	AB 325249
	52	31	73.6	123.4	AB 325231
35.0	40	18	18.9	52.6	AB 354018
	40	23	25.7	77.6	AB 354023
39.0	44	26	25.7	81.5	AB 394426
40.0	45	21	24.5	77.0	AB 404521
42.0	47	27	32.0	109.0	AB 424727
	52	20	40.9	93.8	AB 425220
44.975	49	19	17.6	62.6	AB 454919
50.0	55	30	37.5	141.9	AB 505530
60.0	68	29.8	46.3	145.7	AB 606830
	68	33.8	54.0	177.4	AB 606834