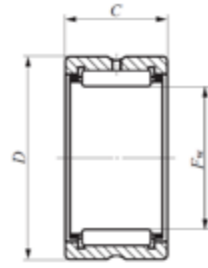
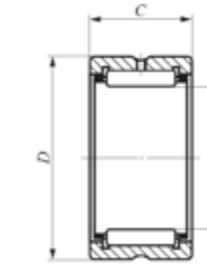


BR w/o Inner Ring Series



BR

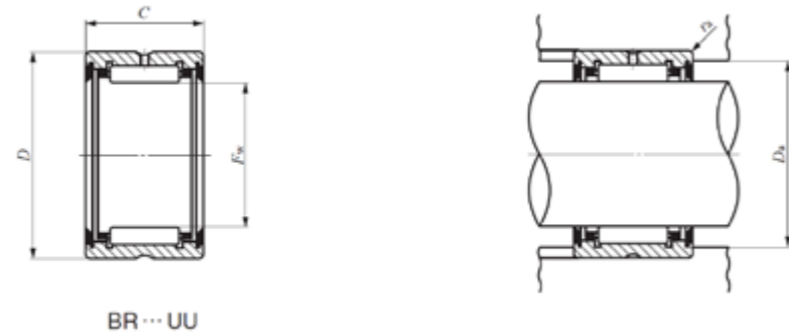


BR

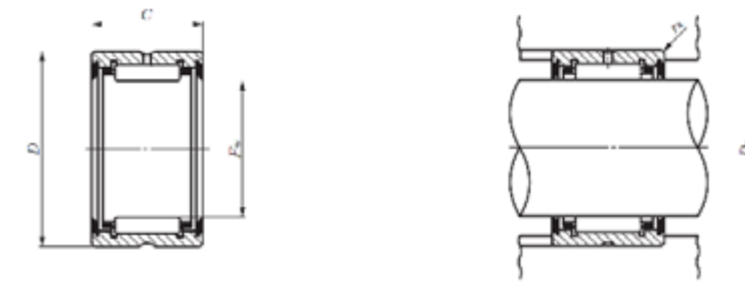
BR w/o Inner Ring Series

Shaft dia. mm(inch)	Identification number	Mass(Ref.) g	Boundary dimensions mm (inch)			Standard mounting dimensions mm		Basic dynamic load rating C N	Basic static load rating C0 N	Allowable rotational speed(2) rpm
			Fw	D	C	DaMax.	r as max(1)			
15.875 (5/8)	BR 101812	49	15.875 (5/8)	28.575 (1 1/8)	19.050 (3/4)	24.5	0.6	18 900	19 700	25 000
19.050 (3/4)	BR 122012	56	19.050 (3/4)	31.750 (1 1/4)	19.050 (3/4)	26.5	1	21 700	24 400	20 000
	BR 122016	75	19.050 (3/4)	31.750 (1 1/4)	25.400 (1)	26.5	1	27 600	33 100	20 000
22.225 (7/8)	BR 142212	63	22.225 (7/8)	34.925 (1 3/8)	19.050 (3/4)	29.7	1	23 000	27 100	18 000
	BR 142216	84.5	22.225 (7/8)	34.925 (1 3/8)	25.400 (1)	29.7	1	29 100	36 800	18 000
25.400 (1)	BR 162412	69	25.400 (1)	38.100 (1 1/2)	19.050 (3/4)	32.9	1	25 300	31 900	16 000
	BR 162416	92.5	25.400 (1)	38.100 (1 1/2)	25.400 (1)	32.9	1	32 100	43 300	16 000
28.575 (1 1/8)	BR 182616	102	28.575 (1 1/8)	41.275 (1 5/8)	25.400 (1)	36	1	34 900	49 900	14 000
	BR 182620	128	28.575 (1 1/8)	41.275 (1 5/8)	31.750 (1 1/4)	36	1	43 200	65 600	14 000
31.750 (1 1/4)	BR 202816	110	28.575 (1 1/8)	44.450 (1 3/4)	25.400 (1)	39.2	1	36 000	53 500	13 000
	BR 202820	138	28.575 (1 1/8)	44.450 (1 3/4)	31.750 (1 1/4)	39.2	1	44 600	70 300	13 000
34.925 (1 3/8)	BR 223016	119	34.925 (1 3/8)	47.625 (1 7/8)	25.400 (1)	42.4	1	38 500	60 000	11 000
	BR 223020	149	34.925 (1 3/8)	47.625 (1 7/8)	31.750 (1 1/4)	42.4	1	47 700	78 900	11 000
38.100 (1 1/2)	BR 243316	149	38.100 (1 1/2)	52.388 (2 1/16)	25.400 (1)	45.1	1.5	43 700	66 900	11 000
	BR 243320	187	38.100 (1 1/2)	52.388 (2 1/16)	31.750 (1 1/4)	45.1	1.5	54 200	88 200	11 000
41.275 (1 5/8)	BR 263516	158	41.275 (1 5/8)	55.562 (2 3/16)	25.400 (1)	48.3	1.5	44 800	70 900	9 500
	BR 263520	199	41.275 (1 5/8)	55.562 (2 3/16)	31.750 (1 1/4)	48.3	1.5	55 600	93 400	9 500
44.450 (1 3/4)	BR 283716	170	44.450 (1 3/4)	58.738 (2 5/16)	25.400 (1)	51.5	1.5	47 500	78 200	9 000
	BR 283720	215	44.450 (1 3/4)	58.738 (2 5/16)	31.750 (1 1/4)	51.5	1.5	58 900	103 000	9 000
50.800 (2)	BR 324116	190	50.800 (2)	65.088 (2 9/16)	25.400 (1)	57.8	1.5	51 000	89 400	8 000
	BR 324120	240	50.800 (2)	65.088 (2 9/16)	31.750 (1 1/4)	57.8	1.5	63 200	118 000	8 000
57.150 (2 1/4)	BR 364824	435	57.150 (2 1/4)	76.200 (3)	38.100 (1 1/2)	69	1.5	90 300	158 000	7 000
	BR 364828	510	57.150 (2 1/4)	76.200 (3)	44.450 (1 3/4)	69	1.5	105 000	191 000	7 000
63.500 (2 1/2)	BR 405224	475	63.500 (2 1/2)	82.550 (3 1/4)	38.100 (1 1/2)	74.3	2	94 600	174 000	6 500
	BR 405228	555	63.500 (2 1/2)	82.550 (3 1/4)	44.450 (1 3/4)	74.3	2	110 000	210 000	6 500
69.850 (2 3/4)	BR 445624	510	69.850 (2 3/4)	88.900 (3 1/2)	38.100 (1 1/2)	80.7	2	98 700	189 000	5 500
76.200 (3)	BR 486024	555	76.200 (3)	95.250 (3 3/4)	38.100 (1 1/2)	87	2	105 000	211 000	5 500
	BR 486028	650	76.200 (3)	95.250 (3 3/4)	44.450 (1 3/4)	87	2	122 000	255 000	5 500
82.550 (3 1/4)	BR 526832	990	82.550 (3 1/4)	107.950 (4 1/4)	44.450 (1 3/4)	99.7	2	141 000	259 000	5 000
88.900 (3 1/2)	BR 567232	1 220	88.900 (3 1/2)	114.300 (4 1/2)	50.800 (2)	106.1	2	162 000	316 000	4 500
101.600 (4)	BR 648032	1 370	101.600 (4)	127.000 (5)	50.800 (2)	117.8	2.5	176 000	368 000	4 000

## BR UU Series



BR...UU



BR...UU

## BR UU Series

Shaft dia. mm (inch)	Identification number		Mass(Ref.) g	Boundary dimensions mm (inch)			Standard mounting dimensions mm		Basic dynamic load rating C N	Basic static load rating C0 N	Allowable rotational speed(2) rpm
	With two seals	With one seal*		Fw	D	C	DaMax.	r as max(1)			
15.875 (5/8)	BR 101816 UU	BR 101816 U	54	15.875 (5/8)	28.575 (1 1/8)	25.400 (1)	24.5	0.6	18 300	20 000	12 000
25.400 (1)	BR 162416 UU	BR 162416 U	83	25.400 (1)	38.100 (1 1/2)	25.400 (1)	32.9	1	23 600	31 300	8 000
28.575 (1 1/8)	BR 182620 UU	BR 182620 U	115	28.575 (1 1/8)	41.275 (1 5/8)	31.750 (1 1/4)	36	1	34 900	49 900	7 000
31.75 (1 1/4)	BR 202820 UU	-	124	31.75 (1 1/4)	44.45 (1 3/4)	31.75 (1 1/4)	39.2	1	36 000	53 500	6 500
34.925 (1 3/8)	BR 223020 UU	BR 223020 U	134	34.925 (1 3/8)	47.625 (1 7/8)	31.750 (1 1/4)	42.4	1	38 500	60 000	5 500
38.100 (1 1/2)	BR 243320 UU	BR 243320 U	168	38.100 (1 1/2)	52.388 (2 1/16)	31.750 (1 1/4)	45.1	1.5	43 700	66 900	5 500
47.625 (1 7/8)	BR 303920 UU	BR 303920 U	202	47.625 (1 7/8)	61.912 (2 7/16)	31.750 (1 1/4)	54.7	1.5	48 500	82 100	4 000
50.800 (2)	BR 324120 UU	BR 324120 U	216	50.800 (2)	65.088 (2 9/16)	31.750 (1 1/4)	57.8	1.5	51 000	89 400	4 000
57.15 (2 1/4)	BR 364828 UU	-	459	57.15 (2 1/4)	76.2 (3)	44.45 (1 3/4)	69	1.5	90 300	158 000	3 500
69.85 (2 3/4)	BR 445628 UU	BR 445628 U	540	69.850 (2 3/4)	88.900 (3 1/2)	44.450 (1 3/4)	80.7	2	98 700	189 000	2 500
76.2 (3)	BR 486028 UU	BR 486028 U	585	76.200 (3)	95.250 (3 3/4)	44.450 (1 3/4)	87	2	105 000	211 000	2 500

\*Not a stocked range although available on request.