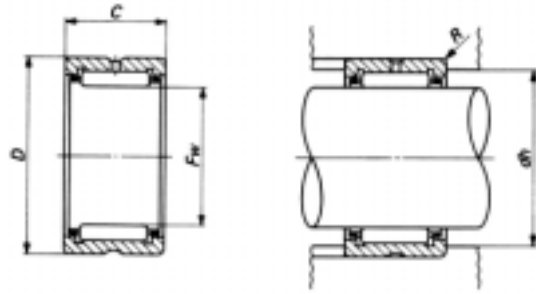


**NEEDLE ROLLER BEARINGS WITHOUT INNER RING  
INCH SYSTEM**

**BR**



BR

Shaft dia.	Bearing Designation	Boundary dimensions			Standard mounting dimensions		Basic Load Ratings		Limiting Speed
		mm			mm		C	Co	
mm		F <sub>w</sub>	D	C	dh Max	R(2) Max	kgf	kgf	rpm
15.875	BR101812	15.875	28.575	19.05	24.5	0.6	1930	2010	25000
19.05	BR122012	19.05	31.75	19.05	26.5	1	2220	2490	20000
	BR122016	19.05	31.75	25.4	26.5	1	2810	3380	20000
22.225	BR142212	22.225	34.925	19.05	29.7	1	2340	2770	18000
	BR142216	22.225	34.925	25.4	29.7	1	2970	3760	18000
25.4	BR162412	25.4	38.1	19.05	32.9	1	2580	3250	16000
	BR162416	25.4	38.1	25.4	32.9	1	3280	4420	16000
28.575	BR182616	28.575	41.275	25.4	36	1	3560	5090	14000
	BR182620	28.575	41.275	31.75	36	1	4410	6690	14000
31.75	BR202816	31.75	44.45	25.4	39.2	1	3670	5450	13000
	BR202820	31.75	44.45	31.75	39.2	1	4550	7180	13000
34.925	BR223016	34.925	47.625	25.4	42.4	1	3930	6120	11000
	BR223020	34.925	47.625	31.75	42.4	1	4870	8060	11000
38.1	BR243316	38.1	52.388	35.4	45.1	1.5	4460	6820	11000
	BR243320	38.1	52.388	31.75	45.1	1.5	5530	8980	11000
41.275	BR263516	41.275	55.562	25.4	48.3	1.5	4570	7230	9500
	BR263520	41.275	55.562	31.75	48.3	1.5	5670	9530	9500
44.45	BR283716	44.45	58.738	25.4	51.5	1.5	4850	7980	9000
	BR283720	44.45	58.738	31.75	51.5	1.5	6010	10500	9000
	BR283820	44.45	60.325	31.75	53.1	1.5	6010	10500	9000
47.625	BR303920	47.625	61.912	31.75	54.7	1.5	6130	11000	8500
50.8	BR324116	50.8	65.088	25.4	57.8	1.5	5200	9110	8000
	BR324120	50.8	65.088	31.75	57.8	1.5	6440	12000	8000
57.15	BR 364824	57.15	76.2	38.1	69	1.5	9200	16100	7000
	BR 364828	57.15	76.2	44.45	69	1.5	10700	19500	7000
63.5	BR 405224	63.5	82.55	38.1	74.3	2	9640	17700	6500
	BR 405228	63.5	82.55	44.45	74.3	2	11200	21400	6500
69.85	BR 445624	69.85	88.9	38.1	80.7	2	10100	19300	5500
	BR 445628	69.85	88.9	44.45	80.7	2	11700	23300	5500
76.2	BR 486024	76.2	95.25	38.1	87	2	10700	21600	5500
	BR 486028	76.2	95.25	44.45	87	2	12400	26100	5500
82.55	BR 526828	82.55	107.95	44.45	99.7	2	14400	26400	5000
	BR 526832	82.55	107.95	50.8	99.7	2	15700	29500	5000
88.9	BR 567232	88.9	114.3	50.8	106.1	2	16500	32100	4500
95.25	BR 607632	95.25	120.65	50.8	111.4	2.5	17200	34900	4000
101.6	BR 648032	101.6	127	50.8	117.8	2.5	18000	37500	4000