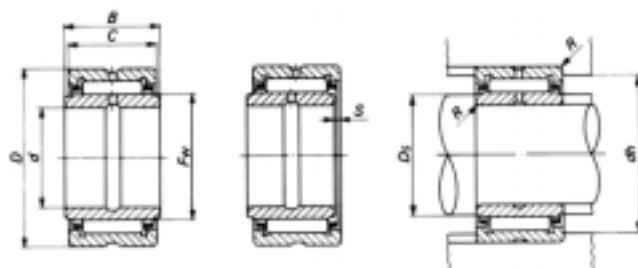


NEEDLE ROLLER BEARINGS WITH INNER RING INCH SYSTEM

BRI



BRI

Shaft dia.	Bearing Designation	Boundary dimensions			Standard mounting dimensions		Basic Load Ratings		Limiting Speed
		mm			mm		C	Co	
mm		F _w	D	C	dh Max	R(2) Max	kgf	kgf	rpm
9.525	BRI 61812	15.875	28.575	19.05	24.5	0.6	1930	2010	25000
12.7	BRI 82012	19.05	31.75	19.05	26.5	1	2220	2490	20000
	BRI 82016	19.05	31.75	25.4	26.5	1	2810	3380	20000
15.875	BRI 102212	22.225	34.925	19.05	29.7	1	2340	2770	18000
	BRI 102216	22.225	34.925	25.4	29.7	1	2970	3760	18000
19.05	BRI 122412	25.4	38.1	19.05	32.9	1	2580	3250	16000
	BRI 122416	25.4	38.1	25.4	32.9	1	3280	4420	16000
22.225	BRI 142616	28.575	41.275	25.4	36	1	3560	5090	14000
	BRI 142620	28.575	41.275	31.75	36	1	4410	6690	14000
25.4	BRI 142620	31.75	44.45	25.4	39.2	1	3670	5450	13000
	BRI 162816	31.75	44.45	31.75	39.2	1	4550	7180	13000
28.575	BRI 162820	34.925	47.625	25.4	42.4	1	3930	6120	11000
	BRI 183020	34.925	47.625	31.75	42.4	1	4870	8060	11000
31.75	BRI 203316	38.1	52.388	25.4	45.1	1.5	4460	6820	11000
	BRI 203320	38.1	52.388	31.75	45.1	1.5	5530	8980	11000
34.925	BRI 223516	41.275	55.562	25.4	48.3	1.5	4570	7230	9500
	BRI 223520	41.275	55.562	31.75	48.3	1.5	5670	9530	9500
38.1	BRI 243716	44.45	58.738	25.4	51.5	1.5	4850	7980	9000
	BRI 243720	44.45	58.738	31.75	51.5	1.5	6010	10500	9000
	BRI 243820	44.45	60.325	31.75	53.1	1.5	6010	10500	9000
	BRI 243920	47.625	31.912	31.75	54.7	1.5	6130	11000	8500
50.8	BRI 264116	50.8	65.088	25.4	57.8	1.5	5200	9110	8000
	BRI 264120	50.8	65.088	31.75	57.8	1.5	6440	12000	8000
44.45	BRI 284824	57.15	76.2	38.1	69	1.5	9200	16100	7000
	BRI 284828	57.15	76.2	44.45	69	1.5	10700	19500	7000
50.8	BRI 325224	63.5	82.55	38.1	74.3	2	9640	17700	6500
	BRI 325228	63.5	82.55	44.45	74.3	2	11200	21400	6500
57.15	BRI 365624	69.85	88.9	38.1	80.7	2	10100	19300	5500
	BRI 365628	69.85	88.9	44.45	80.7	2	11700	23300	5500
63.5	BRI 406024	76.2	95.25	38.1	87	2	10700	21600	5500
	BRI 406028	76.2	95.25	44.45	87	2	12400	26100	5500
69.85	BRI 446828	82.55	107.95	44.45	99.7	2	14400	26400	5000
	BRI 446832	82.55	107.95	50.8	99.7	2	15700	29500	5000
76.2	BRI 487232	88.9	114.3	50.8	106.1	2	16500	32100	4500
82.55	BRI 527632	95.25	120.65	50.8	111.4	2.5	17200	34900	4000
88.9	BRI 568032	101.6	127	50.8	111.4	2.5	18000	37500	4000

Remarks: 1) TN=The allowable working temperature for plastic cage: 120 (continuously); 150 (temporarily); 180 (for a shorttime).

2) Allowable rotational speed applies to oil lubrication. For grease lubrication, a maximum of 60% of this value is allowable.