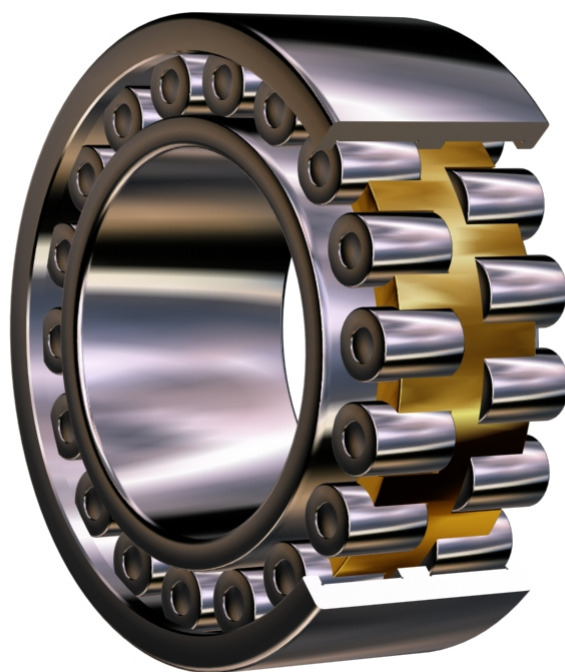


# SBI

## 大型圆柱滚子轴承

### Large Size Cylindrical Roller Bearings

### CAT-131



洛阳世必爱特种轴承有限公司

Luoyang SBI Special Bearing Co., Ltd.

## 大型圆柱滚子轴承

我公司提供的大型圆柱滚子轴承有单列(NU、N)和双列(NN、NNU 型)两种类型。

单列圆柱滚子轴承，N 型结构为外圈具双挡边而内圈无挡边，NU 型内圈具有双挡边而外圈无挡边。

双列圆柱滚子轴承，NN 型结构的外圈具有三个挡边而内圈无挡边，NNU 型内圈上具有三个挡边，外圈无挡边。

NN 型及 NNU 型结构轴承均属浮动轴承，为了安装和拆卸方便起见，它们的内圈与外圈被设计加工成分离的，如要求互换应预先向本公司提出。

双列圆柱滚子轴承保持架的材料一般采用钢或黄铜经机削加工而成。

本样本所列轴承型号为基本型号，如客户对轴承提出特殊要求时则应在轴承型号后面加填相应的字母，如 NNU4956MC3/W33，表示黄铜实体保持架，C3 组游隙，外圈上有油槽及三个油孔。

本公司也可接受样本所列以外特种轴承（含英制）的订货。

## Large Size Cylindrical Roller Bearings

SBI large size cylindrical roller bearings can be divided into two types: single-row type (NU, N) and double-row type (NN, NNU).

SBI single-row cylindrical roller bearings: Type N is with two ribs on outer ring and non on the inner ring; Type NU is with two ribs on inner ring and none on outer ring.

SBI double-row cylindrical roller bearings: Type NN is with three ribs on outer ring and non on the inner ring; Type NNU is with three ribs on inner ring and none on outer ring.

In structure, type NN and type NNU belong to floating bearings. The inner ring and outer ring of the two types are separable for the sake of convenience in mounting and dismantling. If you there is any demand for exchange, please inform us in advance.

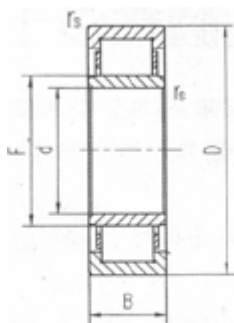
Generally SBI uses steel or brass as cage material for double-row cylindrical roller bearings.

The types listed in this catalogue are basic types. If you have any special request, please append some characters to the bearing type number. For example: NNU4956MC/W33 indicates solid brass cage, clearance C3, an oil groove and three nipples on the outer ring.

SBI can also take orders for other special bearings not ranged in this catalogue (including inch sized bearings).

# 单列圆柱滚子轴承

## Single-row cylindrical roller bearings



单列圆柱滚子轴承 NU型

尺寸 Dimension (mm)					重量 Weight kg	额定负荷 Rated load (KN)		极限转数 r/min limiting speed		型号 Type
d	D	B	rmin	F		Cr	Cor	脂 grease	油 oil	
180	280	46	2.1	205	10.5	336	475	2000	2600	NU1036
	320	86	4	215	31.5	1010	1500	1700	2000	NU2236
	380	126	4	232	73.0	1400	2040	1300	1600	NU2336
190	290	46	2.1	215	10.0	347	500	2000	2600	NU1038
	340	92	4	228	39.0	1100	1660	1600	1900	NU2238
	400	132	5	240	82.5	1830	2550	1200	1500	NU2338
200	310	51	2.1	229	14.0	380	570	1900	2400	NU1040
	360	98	4	241	46.0	1230	1900	1500	1800	NU2240
	420	138	5	247	96.0	2050	2850	1200	1500	NU2340
220	340	56	3	250	18.5	495	735	1800	2200	NU1044
	400	108	4	259	62.5	1570	2280	1300	1600	NU2244
	460	145	5	275	120	2330	3250	1000	1300	NU2344
240	360	56	3	270	20.0	523	800	1700	2000	NU1048
	440	120	4	295	84.0	1450	2360	1200	1500	NU2248
	500	155	5	310	155	2120	3250	950	1200	NU2348
260	400	65	4	296	29.0	627	965	1500	1800	NU1052
	480	130	5	320	110	1790	3000	1000	1300	NU2252
280	420	65	4	316	32.5	660	1060	1400	1700	NU1056
	500	130	5	327	115	2200	3250	950	1200	NU2256
	580	175	6	362	230	2700	4300	850	1000	NU2356

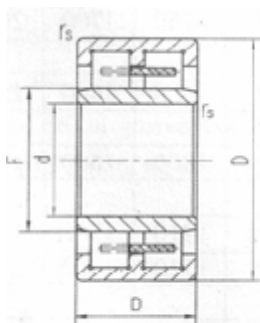
续单列圆柱滚子轴承

Single-row cylindrical roller bearings

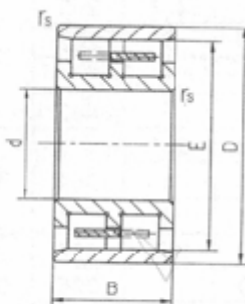
尺寸 Dimension (mm)					重量 Weight kg	额定负荷 Rated load (KN)		极限转数 r/min limiting speed		型号 Type
d	D	B	rmin	F		Cr	Cor	脂 grease	油 oil	
300	460	74	4	340	44	858	1370	1200	1500	NU1060
	540	140	5	364	145	2090	3450	950	1200	NU2260
320	480	74	4	360	48.5	880	1430	1100	1400	NU1064
	580	150	5	390	180	2380	4000	900	1100	NU2264
340	520	82	5	385	65.0	1080	1760	1000	1300	NU1068
	620	165	6	416	225	2640	4500	850	1000	NU2268
360	540	82	5	405	67.5	1100	1830	1000	1300	NU1072
	650	170	6	437	255	2920	4900	800	950	NU2272
380	560	82	5	425	71.0	1140	1930	950	1200	NU1076
	680	175	6	462	285	3140	5500	750	900	NU2276
400	600	90	5	450	92.5	1380	2320	900	1100	NU1080
420	620	90	5	470	96.0	1420	2450	900	1100	NU1084
440	650	94	6	493	110	1510	2650	850	1000	NU1088
460	680	100	6	516	125	1650	2850	800	950	NU1092
480	700	100	6	536	130	1680	3000	750	900	NU1096
500	720	100	6	556	135	1720	3100	750	900	NU10/500
530	780	112	6	593	185	2290	4050	670	800	NU10/530
560	820	115	6	625	210	2330	4250	630	750	NU10/560
600	870	18	6	667	245	2750	5100	600	700	NU10/600
710	1030	140	7.5	778	415	4680	8500	40	480	NU10/710

双列圆柱滚子轴承

Double-row cylindrical roller bearings



双列圆柱滚子轴承 NNU型



双列圆柱滚子轴承 NN型

## 双列圆柱滚子轴承

### Double-row cylindrical roller bearings

尺寸 Dimension (mm)					重量 Weight (kg)	额定负荷 Rated load (KN)		极限转数 r/min limiting speed		型号 Type	
d	D	B	rmin	F		E	Cr	Cor	脂 grease		油 oil
100	140	40	1.1	113	137	1.88	125	244	4300	5100	NNU4920
	150	37	1.5				146	245	4000	4800	NN3020
105	145	40	1.1	118	146	1.96	132	270	4100	4800	NNU4921
	160	41	2			2.96	192	310	3800	4100	NN3021
110	150	40	1.1	123	155	2.04	132	258	3900	4600	NNU4922
	170	45	2			3.76	226	365	3600	4300	NN3022
120	165	45	1.1	134.5	165	2.76	170	328	3600	4200	NNU4924
	200	80	1.112	141		11					NNU4124
	180	46	2			4.1	232	390	3300	3900	NN3024
130	180	50	1.5	146	182	3.79	187	368	3300	3900	NNU4926
	200	52	2			6.04	284	475	3100	3600	NN3026
140	190	50	1.5	156	192	4.11	188	394	3000	3600	NNU4928
	210	53	2			6.48	297	515	2800	3300	NN3026
150	210	60	2	168.5	206	6.2	325	655	2800	3300	NNU4930
	225	56	2.1			7.88	330	570	2600	3100	NN3030
160	220	60	2	178.5	219	6.53	330	653	2600	3100	NNU4932
	240	60	2.1			9.57	369	635	2500	2900	NN3032
170	230	60	2	188.5	236	6.85	336	672	2500	2900	NNU4934
	260	67	2.1			13	440	775	2300	2700	NN3034
180	250	69	2	202	255	10.2	380	830	2300	2700	NNU4936
	280	74	2.1			17	561	994	2200	2600	NN3036
190	260	69	2	212	265	10.6	402	856	2200	2600	NNU4938
	290	75	2.1			18	580	1040	2000	2400	NN3038
200	280	80	2.1	225	282	14.9	484	1010	2100	2400	NNU4940
	310	82	2.1			23	644	1140	1900	2300	NN3040
220	300	80	2.1	245	310	16.2	510	1140	1900	2200	NNU4944
	340	90	3			32.9	800	1460	1700	2100	NN3044
240	320	80	2.1	265	330	17.4	528	1160	1700	2000	NNU4948
	400	160	4	282		85.0					NNU4148
	360	92	3				835	1688	1600	1900	NN3048
	620	243	5	442		285					NNU4176
260	360	100	2.1	364	364	30.2	745	1800	1600	1800	NNU4952
	440	104	4			110					NNU4152
	400	104	4			48	1020	1910	1500	1700	NN3052
280	380	100	2.1	312	384	32.2	764	1710	1400	1700	NNU4956
	460	180	5	326		120					NNU4156
	420	106	4			51.7	1080	2060	1300	1600	NN3056
300	420	118	3	339	418	50	1020	2300	1300	1500	NNU4960
	500	200	5	351		155					NNU4160
	460	118	4			71.5	1250	2370	1200	1500	NN3060

续双列圆柱滚子轴承

Double-row cylindrical roller bearings

尺寸 Dimension (mm)						重量 Weight kg	额定负荷 Rated load (KN)		极限转数 r/min limiting speed		型号 Type
d	D	B	rmin	F	E		Cr	Cor	脂 grease	油 oil	
320	440	118	3	359	438	52.7	1060	2430	1200	1400	NNU4964
	540	218	5	375		200					NNU4164
	480	121	4			77.2	1320	2580	1100	1300	NN3064
340	460	118	3	379		58.5	1100	2580	1100	1300	NNU4968
	520	180	4	385		140	1650	3180	1100	1300	NNU3068
360	480	118	3	399		61	1120	2690	1100	1300	NNU4972
	600	243	5	422		275			1000	1200	NNU4172
380	480	100	1.5/2.1	411		44	1120	2870			NNU4876
	520	140	4	426		91.5	1450	3500	1000	1200	NNU4976
400	540	140	4	446		92.5	1470	3680	940	1100	NNU4980
420	520	100	1.5/2.1	451		48	1170	3180			NNU4884
	560	140	4	466		99	1510	3830	900	1100	NNU4984
	700	280	6	497							NNU4184
440	600	160	4	490		140	2050	4970	850	1000	NNU4988
460	580	118	3	497		75	1190	3050			NNU4892
	620	160	4	510		132	2220	5850	800	950	NNU4992
480	600	118	3	518		78					NNU4896
	650	170	5	534		165	2280	5900	770	910	NNU4996
	790	308	7.5	557		603	6810	13820			NNU4196
500	670	170	5	554		175	2330	5890	730	860	NNU49/500
530	710	180	5	588		210	2860	7450	650	850	NNU49/530
	780	250	6	591		420					NNU40/530
560	750	190	5	623		245	3140	8370			NNU49/560
	820	258	6	626		420					NNU40/560
600	800	200	5	666		290	3580	9750			NNU49/600
	980	375	7.5	699		1100					NNU41/600
630	850	218	6	704		370	3835	10700	550	750	NNU49/630
670	900	230	6	738		430	4950	13100			NNU49/670
710	950	243	6	782		500	5390	14700			NNU49/710
750	920	170	5	803		245					NNU48/750
	1000	250	6	831		540	5500	15300			NNU49/750
800	980	180	5	861		295	2860	8560			NNU48/800
	1060	258	6	884		615	5830	16200			NNU49/800

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