



Ball & Roller Bearings



JTEKT

JTEKT CORPORATION

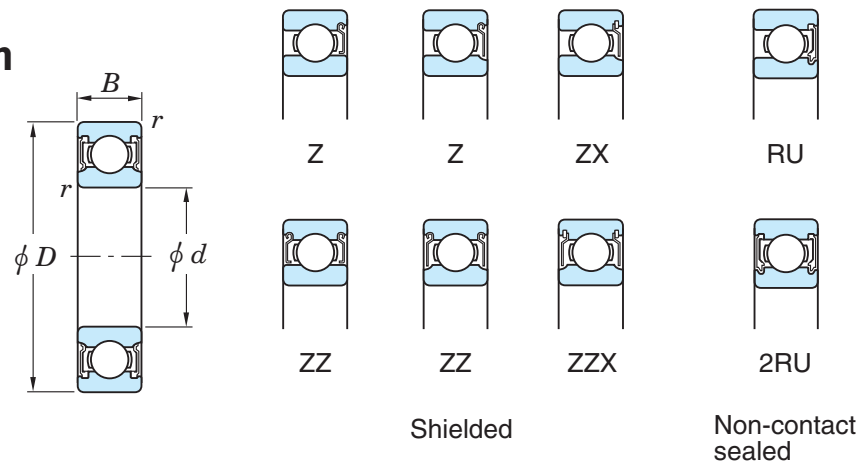
CAT. NO. B2001E-3

Single-row deep groove ball bearings

shielded type

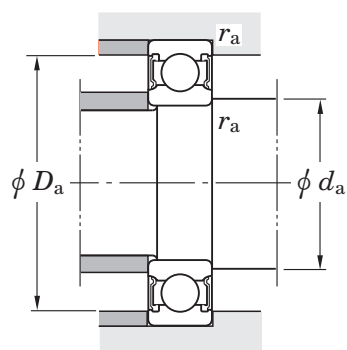
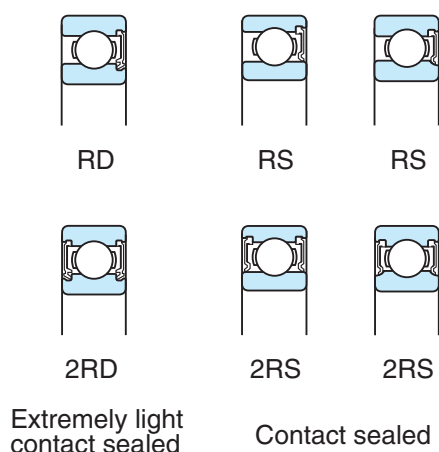
sealed type

d (70) ~ 95 mm



Boundary dimensions (mm)				Basic load ratings (kN)		Factor	Limiting speeds (min ⁻¹)				Shielded
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> _{min.}	<i>C</i> _r	<i>C</i> _{0r}	<i>f</i> ₀	Grease lub.		Oil lub.		
							$\begin{bmatrix} Z, ZZ \\ RU, 2RU \end{bmatrix}$	(RD, 2RD)	(RS, 2RS)	(Z)	
70	110	20	1.1	38.1	30.9	15.6	6 100	—	3 500	7 200	6014 ZZ
	125	24	1.5	62.2	44.1	14.5	5 100	—	3 300	6 100	6214 ZZ
	150	35	2.1	104	68.2	13.2	4 500	—	3 000	5 400	6314 ZZ
75	95	10	0.6	12.5	12.9	16.0	6 400	5 800	—	7 600	6815 ZZ
	105	16	1	24.4	22.6	16.5	6 100	—	—	7 200	6915 ZZ
	115	20	1.1	39.6	33.5	15.8	5 700	—	3 300	6 800	6015 ZZ
	130	25	1.5	67.4	48.3	14.5	4 800	—	3 100	5 800	6215 ZZ
	160	37	2.1	113	77.2	13.2	4 200	—	2 800	5 000	6315 ZZ
80	100	10	0.6	12.7	13.3	16.0	6 100	5 500	—	7 200	6816 ZZ
	110	16	1	25.0	24.0	16.6	5 700	5 100	3 200	6 800	6916 ZZ
	125	22	1.1	47.6	39.8	15.6	5 300	—	3 100	6 300	6016 ZZ
	140	26	2	72.7	53.0	14.6	4 500	—	2 900	5 400	6216 ZZ
	170	39	2.1	123	86.7	13.3	3 900	—	2 700	4 700	6316 ZZ
85	110	13	1	18.7	19.0	16.2	5 600	5 000	—	6 600	6817 ZZ
	120	18	1.1	31.9	29.6	16.4	5 300	4 800	3 000	6 300	6917 ZZ
	130	22	1.1	49.5	43.1	15.8	5 000	—	2 900	5 900	6017 ZZ
	150	28	2	84.0	61.9	14.5	4 200	—	2 700	5 000	6217 ZZ
	180	41	3	133	96.8	13.3	3 700	—	2 500	4 400	6317 ZZX
90	115	13	1	19.0	19.7	16.1	5 300	4 800	—	6 300	6818 ZZ
	125	18	1.1	32.8	31.6	16.5	5 100	4 600	2 800	6 000	6918 ZZ
	140	24	1.5	58.2	49.7	15.6	4 700	—	2 700	5 600	6018 ZZ
	160	30	2	96.1	71.5	14.5	3 900	—	2 600	4 700	6218 ZZ
	190	43	3	143	107	13.3	3 500	—	2 400	4 200	6318 ZZX
95	130	18	1.1	33.7	33.5	16.6	4 800	4 300	2 700	5 700	6919 ZZ
	145	24	1.5	60.4	53.9	15.8	4 400	—	2 500	5 200	6019 ZZX
	170	32	2.1	109	81.9	14.4	3 700	—	2 400	4 400	6219 ZZX
	200	45	3	153	119	13.3	3 300	—	2 200	4 000	6319 ZZX

[Remark] Standard cage types used for the above bearings are described earlier in this section.



Bearing No.			Mounting dimensions. (mm)				(Refer.) Mass Open type (kg)
Non-contact sealed	Extremely light contact sealed	Contact sealed	d_a min.	d_a max.	D_a max.	r_a max.	
6014 2RU	—	6014 2RS	76.5	79.5	103.5	1	0.602
6214 2RU	—	6214 2RS	78	84	117	1.5	1.07
6314 2RU	—	6314 2RS	81	92	139	2	2.52
6815 2RU	6815 2RD	—	79	79	91	0.6	0.142
6915 2RU	—	—	80	82.5	100	1	0.363
6015 2RU	—	6015 2RS	81.5	84.5	108.5	1	0.638
6215 2RU	—	6215 2RS	83	88.5	122	1.5	1.18
6315 2RU	—	6315 2RS	86	97.5	149	2	3.02
6816 2RU	6816 2RD	—	84	84	96	0.6	0.150
6916 2RU	6916 2RD	6916 2RS	85	86.5	105	1	0.382
6016 2RU	—	6016 2RS	86.5	90	118.5	1	0.850
6216 2RU	—	6216 2RS	89	93	131	2	1.40
6316 2RU	—	6316 2RS	91	105	159	2	3.59
6817 2RU	6817 2RD	—	90	90.5	105	1	0.266
6917 2RU	6917 2RD	6917 2RS	91.5	92.5	113.5	1	0.535
6017 2RU	—	6017 2RS	91.5	96.5	123.5	1	0.890
6217 2RU	—	6217 2RS	94	102	141	2	1.79
6317 2RU	—	6317 2RS	98	111	167	2.5	4.23
6818 2RU	6818 2RD	—	95	95.5	110	1	0.279
6918 2RU	6918 2RD	6918 2RS	96.5	97.5	118.5	1	0.565
6018 2RU	—	6018 2RS	98	100.5	132	1.5	1.16
6218 2RU	—	6218 2RS	99	108.5	151	2	2.15
6318 2RU	—	6318 2RS	103	117	177	2.5	4.91
6919 2RU	6919 2RD	6919 2RS	101.5	102	123.5	1	0.705
6019 2RU	—	6019 2RS	103	107.5	137	1.5	1.21
6219 2RU	—	6219 2RS	106	113	159	2	2.62
6319 2RU	—	6319 2RS	108	122	187	2.5	5.67