



RHP Single row deep groove ball bearing Steel Open

Deep groove ball bearings are particularly versatile. They are simple in design, non-separable, suitable for high and very high speeds and are robust in operation, requiring little maintenance. Single row deep groove ball bearings have deep, uninterrupted raceway grooves. These raceway grooves have a close osculation with the balls, enabling the bearings to accommodate radial loads and axial loads in both directions. Single row deep groove ball bearings are available open or capped [with seals or shields].

Characteristics

Series: MJ

Type: LJ1.3/8

Execution: Single row

Material: Steel

Sealing: Open

Manufacturer ID	Inner diameter		Outer diameter		Width		Internal clearance	Cage	Article
	mm	in	mm	in	mm	in			
KLNJ1/4YC3	6.35	1/4	19.05	3/4	5.55	7/32	C3	Brass	13010501
MJ1/2JC3	12.7	1/2	41.275	1.5/8	15.875	5/8	C3	Steel	13010638
MJ1/2J	12.7	1/2	41.275	1.5/8	15.875	5/8	CN [normal]	Steel	13013397
LJ1/2Y	12.7	1/2	114.3	4.1/2	9.525	3/8	CN [normal]	Brass	13013282
R4TN	12.7		158.75		4.97		CN [normal]	Plastic	13010969
LJ5/8JC3	15.875	5/8	39.688	1.9/16"	11.113	7/16	C3	Steel	13010547
LJ5/8J	15.875	5/8	39.688	1.9/16"	11.113	7/16	CN [normal]	Steel	13013300
MJ5/8J	15.875	5/8	46.04	1.13/16	15.875	5/8	CN [normal]	Steel	13013419
KLNJ3/4JC3	19.05	3/4	41.275	1.5/8	7.92	5/16	C3	Steel	13010504
KLNJ3/4J	19.05	3/4	41.275	1.5/8	7.92	5/16	CN [normal]	Steel	13013233
LJ3/4J	19.05	3/4	47.625	1.7/8	14.287	9/16	CN [normal]	Steel	13013294
MJ3/4J	19.05	3/4	50.8	2	17.462	11/16	CN [normal]	Steel	13013410
KLNJ7/8J	22.225	7/8	47.625	1.7/8	9.525	3/8	CN [normal]	Steel	13013240
LJ7/8JC3	22.225	7/8	50.8	2	14.287	9/16	C3	Steel	13009787
LJ7/8J	22.225	7/8	50.8	2	14.287	9/16	CN [normal]	Steel	13013304
MJ7/8JC3	22.225	7/8	57.15	2.1/4	17.462	11/16	C3	Steel	13009832
MJ7/8J	22.225	7/8	57.15	2.1/4	17.462	11/16	CN [normal]	Steel	13013422
KLNJ1JC3	25.4	1	50.8	2	9.525	3/8	C3	Steel	13010503
KLNJ1J	25.4	1	50.8	2	9.525	3/8	CN [normal]	Steel	13013231
LJ1JC3	25.4	1	57.15	2.1/4	15.875	5/8	C3	Steel	13013284
MJ1JC3	25.4	1	63.5	2.1/2	19.05	3/4	C3	Steel	13009833
MJ1J	25.4	1	63.5	2.1/2	19.05	3/4	CN [normal]	Steel	13013398
KLNJ1.1/8J	28.575	1.1/8	53.975	2.1/8	9.525	3/8	CN [normal]	Steel	13013226
LJ1.1/8JC3	28.575	1.1/8	63.5	2.1/2	15.875	5/8	C3	Steel	13013275
LJ1.1/8J	28.575	1.1/8	63.5	2.1/2	15.875	5/8	CN [normal]	Steel	13013274
MJ1.1/8JC3	28.575	1.1/8	71.43	2.13/16	20.64	13/16	C3	Steel	13009834
MJ1.1/8J	28.575	1.1/8	71.43	2.13/16	20.64	13/16	CN [normal]	Steel	13013392
KLNJ1.1/4J	31.75	1.1/4	57.15	2.1/4	9.525	3/8	CN [normal]	Steel	13013225
LJ1.1/4JC3	31.75	1.1/4	69.85	2.3/4	17.462	11/16	C3	Steel	13009789
LJ1.1/4J	31.75	1.1/4	69.85	2.3/4	17.462	11/16	CN [normal]	Steel	13013269
MJ1.1/4JC3	31.75	1.1/4	79.375	3.1/8	22.225	7/8	C3	Steel	13009835
KLNJ1.3/8J	34.925	1.3/8	63.5	2.1/2	11.113	7/16	CN [normal]	Steel	13013227
LJ1.3/8JC3	34.925	1.3/8	76.2	3	17.462	11/16	C3	Steel	13010534
LJ1.3/8J	34.925	1.3/8	76.2	3	17.462	11/16	CN [normal]	Steel	13013279
MJ1.3/8J	34.925	1.3/8	88.9	3.1/2	22.225	7/8	CN [normal]	Steel	13013394
XLJ1.1/2J	38.1	1.1/2	68.25	1.1/8	14.29	11/16	CN [normal]	Steel	13011546

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Manufacturer ID	Inner diameter mm	Inner diameter in	Outer diameter mm	Outer diameter in	Width mm	Width in	Internal clearance	Cage	Article
LJ1.1/2JC3	38.1	1.1/2	85.53	3.1/4	19.05	3/4	C3	Steel	13010531
LJ1.1/2JC4	38.1	1.1/2	85.53	3.1/4	19.05	3/4	C4	Steel	13010532
LJ1.1/2J	38.1	1.1/2	85.53	3.1/4	19.05	3/4	CN [normal]	Steel	13013268
MJ1.1/2JC3	38.1	1.1/2	95.25	3.3/4	23.813	15/16	C3	Steel	13009836
KLNJ1.1/2J	38.1	1.1/2	282.25	2.5/8	11.113	7/16	CN [normal]	Steel	13013223
LJ1.5/8J	41.275	1.5/8	88.9	3.1/2	19.05	3/4	CN [normal]	Steel	13013280
MJ1.5/8J	41.275	1.5/8	101.6	4	23.813	15/16	CN [normal]	Steel	13013395
XLJ1.3/4J	44.45	1.3/4	76.18	3	14.29	3/4	CN [normal]	Steel	13014337
LJ1.3/4JC3	44.45	1.3/4	95.25	3.3/4	20.64	13/16	C3	Steel	13010533
LJ1.3/4J	44.45	1.3/4	95.25	3.3/4	20.64	13/16	CN [normal]	Steel	13013277
MJ1.3/4JC3	44.45	1.3/4	107.95	4.1/4	26.988	1.1/16	C3	Steel	13010636
MJ1.3/4J	44.45	1.3/4	107.95	4.1/4	26.988	1.1/16	CN [normal]	Steel	13013393
MJ1.7/8JC3	47.625	1.7/8	114.3	4.1/2	26.988	1.1/16	C3	Steel	13010637
MJ1.7/8J	47.625	1.7/8	114.3	4.1/2	26.988	1.1/16	CN [normal]	Steel	13013396
XLJ2J	50.8	2	84.138	3.1/8	15.875	5/8	CN [normal]	Steel	13014340
LJ2JC3	50.8	2	101.6	4	20.64	13/16	C3	Steel	13010539
LJ2J	50.8	2	101.6	4	20.64	13/16	CN [normal]	Steel	13013288
MJ2JC3	50.8	2	114.3	4.1/2	26.988	1.1/16	C3	Steel	13013404
MJ2J	50.8	2	114.3	4.1/2	26.988	1.1/16	CN [normal]	Steel	13013403
XLJ2.1/4J	57.15	2.1/4	90.461	3.9/16	15.875	5/8	CN [normal]	Steel	13014339
LJ2.1/4JC3	57.15	2.1/4	114.3	4.1/2	22.23	7/8	C3	Steel	13010538
LJ2.1/4J	57.15	2.1/4	114.3	4.1/2	22.23	7/8	CN [normal]	Steel	13013286
MJ2.1/4JC3	57.15	2.1/4	127	5	31.75	1.1/4	C3	Steel	13009837
MJ2.1/4J	57.15	2.1/4	127	5	31.75	1.1/4	CN [normal]	Steel	13013401
XLJ2.1/2J	63.5	2.1/2	98.425	3.7/8	17.463	11/16	CN [normal]	Steel	13014338
LJ2.1/2JC3	63.5	2.1/2	127	5	23.813	15/16	C3	Steel	13010537
LJ2.1/2J	63.5	2.1/2	127	5	23.813	15/16	CN [normal]	Steel	13013285
MJ2.1/2JC3	63.5	2.1/2	139.7	5.1/2	15.875	5/8	C3	Steel	13013400
MJ2.1/2J	63.5	2.1/2	139.7	5.1/2	15.875	5/8	CN [normal]	Steel	13013399
XLJ2.3/4MC3	69.85	2.3/4	104.775	4.1/8	17.463	11/16	C3	Brass	13011547
XLJ2.3/4M	69.85	2.3/4	104.775	4.1/8	17.463	11/16	CN [normal]	Brass	13008338
LJ2.3/4J	69.85	2.3/4	133.31	5.1/4	23.813	15/16	CN [normal]	Steel	13013287
MJ2.3/4JC3	69.85	2.3/4	158.75	6.1/4	34.925	1.3/8	C3	Steel	13010639
MJ2.3/4J	69.85	2.3/4	158.75	6.1/4	34.925	1.3/8	CN [normal]	Steel	13013402
XLJ3JC3	76.2	3	114.3	4.1/2	19.05	3/4	C3	Steel	13011550
XLJ3J	76.2	3	114.3	4.1/2	19.05	3/4	CN [normal]	Steel	13014342
LJ3JC3	76.2	3	146.05	5.3/4	26.99	1.1/16	C3	Steel	13009790
LJ3J	76.2	3	146.05	5.3/4	26.99	1.1/16	CN [normal]	Steel	13013295
MJ3JC3	76.2	3	177.8	7	39.688	1.9/16"	C3	Steel	13013412
MJ3JC4	76.2	3	177.8	7	39.688	1.9/16"	C4	Steel	13010644
MJ3J	76.2	3	177.8	7	39.688	1.9/16"	CN [normal]	Steel	13013411
XLJ3.1/4MC3	82.55	3.1/4	120.65	4.3/4	19.05	3/4	C3	Brass	13011549
XLJ3.1/4M	82.55	3.1/4	120.65	4.3/4	19.05	3/4	CN [normal]	Brass	13008340
LJ3.1/4JC3	82.55	3.1/4	152.36	6	26.97	1.1/16	C3	Steel	13010541
LJ3.1/4J	82.55	3.1/4	152.36	6	26.97	1.1/16	CN [normal]	Steel	13013290
MJ3.1/4JC3	82.55	3.1/4	190.5	7.1/2	39.688	1.9/16"	C3	Steel	13010641
MJ3.1/4J	82.55	3.1/4	190.5	7.1/2	39.688	1.9/16"	CN [normal]	Steel	13013406
MJ3.3/8JC3	85.725	3.3/8	190.5	7.1/2	39.688	1.9/16"	C3	Steel	13010643
MJ3.3/8J	85.725	3.3/8	190.5	7.1/2	39.688	1.9/16"	CN [normal]	Steel	13009838
XLJ3.1/2JC3	88.9	3.1/2	127	5	19.05	3/4	C3	Steel	13011548
XLJ3.1/2J	88.9	3.1/2	127	5	19.05	3/4	CN [normal]	Steel	13014341
LJ3.1/2JC3	88.9	3.1/2	165.06	6.1/2	28.575	1.1/8	C3	Steel	13010540

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Manufacturer ID	Inner diameter mm	Inner diameter in	Outer diameter mm	Outer diameter in	Width mm	Width in	Internal clearance	Cage	Article
LJ3.1/2J	88.9	3.1/2	165.06	6.1/2	28.575	1.1/8	CN [normal]	Steel	13013289
MJ3.1/2JC3	88.9	3.1/2	206.375	8.1/8	44.45	1.3/4	C3	Steel	13010640
MJ3.1/2J	88.9	3.1/2	206.375	8.1/8	44.45	1.3/4	CN [normal]	Steel	13013405
LJ3.3/4J	95.25	3.3/4	171.45	6.3/4	28.575	1.1/8	CN [normal]	Steel	13013291
MJ3.3/4JC3	95.25	3.3/4	209.55	8.1/4	44.45	1.3/4	C3	Steel	13010642
MJ3.3/4J	95.25	3.3/4	209.55	8.1/4	44.45	1.3/4	CN [normal]	Steel	13013407
XLJ4MC4	101.6	4	142.85	5.5/8	22.22	7/8	C4	Brass	13011552
XLJ4M	101.6	4	142.85	5.5/8	22.22	7/8	CN [normal]	Brass	13008343
LJ4JC3	101.6	4	184.11	7.1/4	31.73	1.1/4	C3	Steel	13010544
LJ4J	101.6	4	184.11	7.1/4	31.73	1.1/4	CN [normal]	Steel	13013297
MJ4JC3	101.6	4	215.9	8.1/2	44.45	1.3/4	C3	Steel	13013416
MJ4J	101.6	4	215.9	8.1/2	44.45	1.3/4	CN [normal]	Steel	13009839
XLJ4.1/4JC3	107.95	4.1/4	152.4	6	22.225	7/8	C3	Steel	13011551
XLJ4.1/4J	107.95	4.1/4	152.4	6	22.225	7/8	CN [normal]	Steel	13014344
LJ4.1/4J	107.95	4.1/4	190.5	7.1/2	15.875	5/8	CN [normal]	Steel	13009792
MJ4.1/4MC3	107.95	4.1/4	222.25	8.3/4	44.45	1.3/4	C3	Brass	13010646
MJ4.1/4M	107.95	4.1/4	222.25	8.3/4	44.45	1.3/4	CN [normal]	Brass	13013414
XLJ4.1/2J	114.3	4.1/2	158.75	6.1/4	22.225	7/8	CN [normal]	Steel	13014343
LJ4.1/2JC3	114.3	4.1/2	203.2	8	114.3	4.1/2	C3	Steel	13010543
LJ4.1/2J	114.3	4.1/2	203.2	8	114.3	4.1/2	CN [normal]	Steel	13013296
MJ4.1/2JC3	114.3	4.1/2	238.125	9.3/8	50.8	2	C3	Steel	13010645
MJ4.1/2J	114.3	4.1/2	238.125	9.3/8	50.8	2	CN [normal]	Steel	13013413
XLJ4.3/4J	120.65	4.3/4	165.1	6.1/2	22.225	7/8	CN [normal]	Steel	13014345
MJ4.3/4JC3	120.65	4.3/4	254	10	50.8	2	C3	Steel	13010647
MJ4.3/4J	120.65	4.3/4	254	10	50.8	2	CN [normal]	Steel	13013415
XLJ5MC3	127	3	177.8	7	25.4	1	C3	Brass	13011553
XLJ5JC3	127	3	177.8	7	25.4	1	C3	Steel	13009869
XLJ5M	127	3	177.8	7	25.4	1	CN [normal]	Brass	13008346
XLJ5J	127	3	177.8	7	25.4	1	CN [normal]	Steel	13014346
LJ5JC3	127	5	228.6	9	34.925	1.3/8	C3	Steel	13010548
LJ5J	127	5	228.6	9	34.925	1.3/8	CN [normal]	Steel	13009793
MJ5JC3	127	5	254	10	50.8	2	C3	Steel	13010648
MJ5J	127	5	254	10	50.8	2	CN [normal]	Steel	13013420
XLJ5.1/2M	139.7	5.1/2	190.5	7.1/2	25.4	1	CN [normal]	Brass	13009870
LJ5.1/2JC3	139.7	5.1/2	241.3	9.1/2	34.925	1.3/8	C3	Steel	13010545
LJ5.1/2J	139.7	5.1/2	241.3	9.1/2	34.925	1.3/8	CN [normal]	Steel	13009795
XLJ6MC3	152.4	6	203.2	8	25.4	1	C3	Brass	13008348
XLJ6M	152.4	6	203.2	8	25.4	1	CN [normal]	Brass	13014347
XLJ6.1/2MC3	165.1	6.1/2	222.25	8.3/4	28.575	1.1/8	C3	Brass	13011554
XLJ6.1/2M	165.1	6.1/2	222.25	8.3/4	28.575	1.1/8	CN [normal]	Brass	13009871
LJ6.1/2M	165.1	6.1/2	279.4	11	39.688	1.9/16"	CN [normal]	Brass	13013301
XLJ7M	177.9	7	241.3	9.1/2	31.75	1.1/4	CN [normal]	Brass	13009872
XLJ7.1/2M	190.5	7.1/2	254	10	31.75	1.1/4	CN [normal]	Brass	13011555
KLNJ1/8Y	3175	1/8	9525	3/8	3968	5/32	CN [normal]	Brass	13010502
KLNJ3/16Y	4762	3/16	12.7	1/2	3968	5/32	CN [normal]	Brass	13009782

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.