



TIMKEN Single row deep groove ball bearing Steel Closure on both sides

Single-row deep groove ball bearings are extremely versatile. They are simple in design, suitable for high to very high speeds, very robust in use and thus low-maintenance. Thanks to the deep grooves and the close contact between the grooves and the balls, deep groove ball bearings are extremely well suited to tolerate both radial loads and axial loads in both directions, even at high speeds. Both open (unsealed) and sealed versions of the single-row deep groove ball bearings are available. Bearings sealed on both sides have lifetime lubrication and therefore need not be regreased during use. They have been filled with the exact quantity of high-quality lubricant under controlled conditions.

Characteristics

Series: 300

Type: 211

Execution: Single row

Material: Steel

Sealing: Closure on one side

Manufacturer ID	Inner diameter	Inner diameter	Outer diameter	Width	Internal clearance	Cage	Article
	mm	in	mm	mm			Max. 200 articles in the table
61800-2RS	10		19	5	CN [normal]	Steel	618002RS-TIMKEN
61900-ZZ	10		22	6	CN [normal]	Steel	61900ZZ-TIMKEN
61900-2RS	10		22	6	CN [normal]	Steel	619002RS-TIMKEN
6000-ZZ-C3	10		26	8	C3	Steel	6000ZZC3-TIMKEN
6000-ZZ	10		26	8	CN [normal]	Steel	6000ZZ-TIMKEN
6000-2RS-C3	10		26	8	C3	Steel	60002RSC3-TIMKEN
6000-2RS	10		26	8	CN [normal]	Steel	60002RS-TIMKEN
16100-ZZ	10		28	8	CN [normal]	Steel	16100ZZ-TIMKEN
6200-ZZ-C3	10		30	9	C3	Steel	6200ZZC3-TIMKEN
6200-ZZ	10		30	9	CN [normal]	Steel	6200ZZ-TIMKEN
6200-2RS-C3	10		30	9	C3	Steel	62002RSC3-TIMKEN
6200-2RS	10		30	9	CN [normal]	Steel	62002RS-TIMKEN
61801-ZZ	12		21	5	CN [normal]	Steel	61801ZZ-TIMKEN
61801-2RS	12		21	5	CN [normal]	Steel	618012RS-TIMKEN
61901-ZZ	12		24	6	CN [normal]	Steel	61901ZZ-TIMKEN
61901-2RS	12		24	6	CN [normal]	Steel	619012RS-TIMKEN
6001-ZZ-C3	12		28	8	C3	Steel	6001ZZC3-TIMKEN
6001-ZZ	12		28	8	CN [normal]	Steel	6001ZZ-TIMKEN
6001-2RS-C3	12		28	8	C3	Steel	60012RSC3-TIMKEN
6001-2RS	12		28	8	CN [normal]	Steel	60012RS-TIMKEN
16101-ZZ	12		30	8	CN [normal]	Steel	16101ZZ-TIMKEN
16101-2RS	12		30	8	CN [normal]	Steel	161012RS-TIMKEN
6201-ZZ-C3	12		32	10	C3	Steel	6201ZZC3-TIMKEN
6201-ZZ	12		32	10	CN [normal]	Steel	6201ZZ-TIMKEN
6201-2RS-C3	12		32	10	C3	Steel	62012RSC3-TIMKEN
6201-2RS	12		32	10	CN [normal]	Steel	62012RS-TIMKEN
61802-ZZ	15		24	5	CN [normal]	Steel	61802ZZ-TIMKEN
61802-2RS	15		24	5	CN [normal]	Steel	618022RS-TIMKEN
61902-ZZ	15		28	7	CN [normal]	Steel	61902ZZ-TIMKEN
61902-2RS	15		28	7	CN [normal]	Steel	619022RS-TIMKEN
16002-ZZ	15		32	8	CN [normal]	Steel	16002ZZ-TIMKEN
6002-ZZ-C3	15		32	9	C3	Steel	6002ZZC3-TIMKEN
6002-ZZ	15		32	9	CN [normal]	Steel	6002ZZ-TIMKEN
6002-2RS-C3	15		32	9	C3	Steel	60022RSC3-TIMKEN

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Manufacturer ID	Inner diameter	Inner diameter	Outer diameter	Width	Internal clearance	Cage	Article
	mm	in	mm	mm			Max. 200 articles in the table
6002-2RS	15		32	9	CN [normal]	Steel	60022RS-TIMKEN
6202-ZZ-C3	15		35	11	C3	Steel	6202ZZC3-TIMKEN
6202-ZZ	15		35	11	CN [normal]	Steel	6202ZZ-TIMKEN
6202-2RS-C3	15		35	11	C3	Steel	62022RSC3-TIMKEN
6202-2RS	15		35	11	CN [normal]	Steel	62022RS-TIMKEN
6202-RS-C3	15		35	11	C3	Steel	6202RSC3-TIMKEN
203KRR2	16.256		40	18.288	CN [normal]	Steel	203KRR2-TIMKEN
61803-ZZ	17		26	5	CN [normal]	Steel	61803ZZ-TIMKEN
61803-2RS	17		26	5	CN [normal]	Steel	618032RS-TIMKEN
61903-ZZ	17		30	7	CN [normal]	Steel	61903ZZ-TIMKEN
61903-2RS	17		30	7	CN [normal]	Steel	619032RS-TIMKEN
6003-ZZ-C3	17		35	10	C3	Steel	6003ZZC3-TIMKEN
6003-ZZ	17		35	10	CN [normal]	Steel	6003ZZ-TIMKEN
6003-2RS-C3	17		35	10	C3	Steel	60032RSC3-TIMKEN
6003-2RS	17		35	10	CN [normal]	Steel	60032RS-TIMKEN
6203-ZZ-C3	17		40	12	C3	Steel	6203ZZC3-TIMKEN
6203-ZZ	17		40	12	CN [normal]	Steel	6203ZZ-TIMKEN
6203-2RS-C3	17		40	12	C3	Steel	62032RSC3-TIMKEN
6203-2RS	17		40	12	CN [normal]	Steel	62032RS-TIMKEN
61804-ZZ	20		32	7	CN [normal]	Steel	61804ZZ-TIMKEN
61804-2RS	20		32	7	CN [normal]	Steel	618042RS-TIMKEN
61904-ZZ	20		37	9	CN [normal]	Steel	61904ZZ-TIMKEN
61904-2RS	20		37	9	CN [normal]	Steel	619042RS-TIMKEN
6004-ZZ-C3	20		42	12	C3	Steel	6004ZZC3-TIMKEN
6004-ZZ	20		42	12	CN [normal]	Steel	6004ZZ-TIMKEN
6004-2RS-C3	20		42	12	C3	Steel	60042RSC3-TIMKEN
6004-2RS	20		42	12	CN [normal]	Steel	60042RS-TIMKEN
6204-ZZ-C3	20		47	14	C3	Steel	6204ZZC3-TIMKEN
6204-ZZ	20		47	14	CN [normal]	Steel	6204ZZ-TIMKEN
6204-2RS-C3	20		47	14	C3	Steel	62042RSC3-TIMKEN
6204-2RS-C4	20		47	14	C4	Steel	62042RSC4-TIMKEN
6204-2RS	20		47	14	CN [normal]	Steel	62042RS-TIMKEN
204KRR2C1	20.22		47	14	CN [normal]	Steel	204KRR2-TIMKEN
61805-ZZ	25		37	7	CN [normal]	Steel	61805ZZ-TIMKEN
61805-2RS	25		37	7	CN [normal]	Steel	618052RS-TIMKEN
61905-ZZ	25		42	9	CN [normal]	Steel	61905ZZ-TIMKEN
61905-2RS	25		42	9	CN [normal]	Steel	619052RS-TIMKEN
16005-ZZ	25		47	8	CN [normal]	Steel	16005ZZ-TIMKEN
6005-ZZ-C3	25		47	12	C3	Steel	6005ZZC3-TIMKEN
6005-ZZ	25		47	12	CN [normal]	Steel	6005ZZ-TIMKEN
6005-2RS-C3	25		47	12	C3	Steel	60052RSC3-TIMKEN
6005-2RS	25		47	12	CN [normal]	Steel	60052RS-TIMKEN
6205-ZZ-C3	25		52	15	C3	Steel	6205ZZC3-TIMKEN
6205-ZZ	25		52	15	CN [normal]	Steel	6205ZZ-TIMKEN
6205-2RS-C3	25		52	15	C3	Steel	62052RSC3-TIMKEN
6205-2RS-C4	25		52	15	C4	Steel	62052RSC4-TIMKEN
6205-2RS	25		52	15	CN [normal]	Steel	62052RS-TIMKEN
206KRRB6	25.43	1	62	24	CN [normal]	Steel	206KRRB6-TIMKEN
206KRR6	25.43	1	62	24	CN [normal]	Steel	206KRR6-TIMKEN
205KRR2C1	25.65		52	25.4	CN [normal]	Steel	205KRR2-TIMKEN
207KRRB9	28.6		72	37.7	CN [normal]	Steel	207KRRB9-TIMKEN
61806-ZZ	30		42	7	CN [normal]	Steel	61806ZZ-TIMKEN
61806-2RS	30		42	7	CN [normal]	Steel	618062RS-TIMKEN

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	mm	in	mm	mm			Max. 200 articles in the table
61906-ZZ	30		47	9	CN [normal]	Steel	61906ZZ-TIMKEN
61906-2RS	30		47	9	CN [normal]	Steel	619062RS-TIMKEN
6006-ZZ-C3	30		55	13	C3	Steel	6006ZZC3-TIMKEN
6006-ZZ	30		55	13	CN [normal]	Steel	6006ZZ-TIMKEN
6006-2RS-C3	30		55	13	C3	Steel	60062RSC3-TIMKEN
6006-2RS	30		55	13	CN [normal]	Steel	60062RS-TIMKEN
6206-ZZ-C3	30		62	16	C3	Steel	6206ZZC3-TIMKEN
6206-ZZ	30		62	16	CN [normal]	Steel	6206ZZ-TIMKEN
6206-2RS-C3	30		62	16	C3	Steel	62062RSC3-TIMKEN
6206-2RS-C4	30		62	16	C4	Steel	62062RSC4-TIMKEN
6206-2RS	30		62	16	CN [normal]	Steel	62062RS-TIMKEN
207KRRB12	32.97		72	25	CN [normal]	Steel	207KRRB12-TIMKEN
61807-ZZ	35		47	7	CN [normal]	Steel	61807ZZ-TIMKEN
61807-2RS	35		47	7	CN [normal]	Steel	618072RS-TIMKEN
61907-ZZ	35		55	10	CN [normal]	Steel	61907ZZ-TIMKEN
61907-2RZ	35		55	10	CN [normal]	Steel	619072RZ-TIMKEN
6007-ZZ-C3	35		62	14	C3	Steel	6007ZZC3-TIMKEN
6007-ZZ	35		62	14	CN [normal]	Steel	6007ZZ-TIMKEN
6007-2RS-C3	35		62	14	C3	Steel	60072RSC3-TIMKEN
6007-2RS	35		62	14	CN [normal]	Steel	60072RS-TIMKEN
6207-ZZ-C3	35		72	17	C3	Steel	6207ZZC3-TIMKEN
6207-ZZ	35		72	17	CN [normal]	Steel	6207ZZ-TIMKEN
6207-2RS-C3	35		72	17	C3	Steel	62072RSC3-TIMKEN
6207-2RS-C4	35		72	17	C4	Steel	62072RSC4-TIMKEN
6207-2RS	35		72	17	CN [normal]	Steel	62072RS-TIMKEN
61808-ZZ	40		52	7	CN [normal]	Steel	61808ZZ-TIMKEN
61808-2RS	40		52	7	CN [normal]	Steel	618082RS-TIMKEN
61908-ZZ	40		62	12	CN [normal]	Steel	61908ZZ-TIMKEN
61908-2RS	40		62	12	CN [normal]	Steel	619082RS-TIMKEN
6008-ZZ-C3	40		68	15	C3	Steel	6008ZZC3-TIMKEN
6008-ZZ	40		68	15	CN [normal]	Steel	6008ZZ-TIMKEN
6008-2RS-C3	40		68	15	C3	Steel	60082RSC3-TIMKEN
6008-2RS	40		68	15	CN [normal]	Steel	60082RS-TIMKEN
6208-ZZ-C3	40		80	18	C3	Steel	6208ZZC3-TIMKEN
6208-2RS-C3	40		80	18	C3	Steel	62082RSC3-TIMKEN
6208-2RS-C4	40		80	18	C4	Steel	62082RSC4-TIMKEN
6208-2RS	40		80	18	CN [normal]	Steel	62082RS-TIMKEN
61809-ZZ	45		58	7	CN [normal]	Steel	61809ZZ-TIMKEN
61809-2RS	45		58	7	CN [normal]	Steel	618092RS-TIMKEN
61909-ZZ	45		68	12	CN [normal]	Steel	61909ZZ-TIMKEN
61909-2RS	45		68	12	CN [normal]	Steel	619092RS-TIMKEN
6009-ZZ-C3	45		75	16	C3	Steel	6009ZZC3-TIMKEN
6009-ZZ	45		75	16	CN [normal]	Steel	6009ZZ-TIMKEN
6009-2RS-C3	45		75	16	C3	Steel	60092RSC3-TIMKEN
6009-2RS	45		75	16	CN [normal]	Steel	60092RS-TIMKEN
61810-ZZ	50		65	7	CN [normal]	Steel	61810ZZ-TIMKEN
61910-ZZ	50		72	12	CN [normal]	Steel	61910ZZ-TIMKEN
61910-2RS	50		72	12	CN [normal]	Steel	619102RS-TIMKEN
6010-ZZ-C3	50		80	16	C3	Steel	6010ZZC3-TIMKEN
6010-ZZ	50		80	16	CN [normal]	Steel	6010ZZ-TIMKEN
6010-2RS-C3	50		80	16	C3	Steel	60102RSC3-TIMKEN
6010-2RS	50		80	16	CN [normal]	Steel	60102RS-TIMKEN
61811-ZZ	55		72	9	CN [normal]	Steel	61811ZZ-TIMKEN

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Manufacturer ID	Inner diameter	Inner diameter	Outer diameter	Width	Internal clearance	Cage	Article
	mm	in	mm	mm			Max. 200 articles in the table
61911-2RS	55		80	13	CN [normal]	Steel	619112RS-TIMKEN
6011-ZZ-C3	55		90	18	C3	Steel	6011ZZC3-TIMKEN
6011-ZZ	55		90	18	CN [normal]	Steel	6011ZZ-TIMKEN
6011-2RS-C3	55		90	18	C3	Steel	60112RSC3-TIMKEN
6011-2RS	55		90	18	CN [normal]	Steel	60112RS-TIMKEN
61812-ZZ	60		78	10	CN [normal]	Steel	61812ZZ-TIMKEN
61812-2RS	60		78	10	CN [normal]	Steel	618122RS-TIMKEN
61912-2RS	60		85	13	CN [normal]	Steel	619122RS-TIMKEN
6012-ZZ-C3	60		95	18	C3	Steel	6012ZZC3-TIMKEN
6012-ZZ	60		95	18	CN [normal]	Steel	6012ZZ-TIMKEN
6012-2RS-C3	60		95	18	C3	Steel	60122RSC3-TIMKEN
6012-2RS	60		95	18	CN [normal]	Steel	60122RS-TIMKEN
61813-ZZ	65		85	10	CN [normal]	Steel	61813ZZ-TIMKEN
61813-2RS	65		85	10	CN [normal]	Steel	618132RS-TIMKEN
6013-ZZ-C3	65		100	18	C3	Steel	6013ZZC3-TIMKEN
6013-ZZ	65		100	18	CN [normal]	Steel	6013ZZ-TIMKEN
6013-2RS-C3	65		100	18	C3	Steel	60132RSC3-TIMKEN
6013-2RS	65		100	18	CN [normal]	Steel	60132RS-TIMKEN
6014-ZZ-C3	70		110	20	C3	Steel	6014ZZC3-TIMKEN
6014-ZZ	70		110	20	CN [normal]	Steel	6014ZZ-TIMKEN
6014-2RS-C3	70		110	20	C3	Steel	60142RSC3-TIMKEN
6014-2RS	70		110	20	CN [normal]	Steel	60142RS-TIMKEN
6015-ZZ-C3	75		115	20	C3	Steel	6015ZZC3-TIMKEN
6015-ZZ	75		115	20	CN [normal]	Steel	6015ZZ-TIMKEN
6015-2RS-C3	75		115	20	C3	Steel	60152RSC3-TIMKEN
6015-2RS	75		115	20	CN [normal]	Steel	60152RS-TIMKEN
6016-ZZ-C3	80		125	22	C3	Steel	6016ZZC3-TIMKEN
6016-ZZ	80		125	22	CN [normal]	Steel	6016ZZ-TIMKEN
6016-2RS-C3	80		125	22	C3	Steel	60162RSC3-TIMKEN
6016-2RS	80		125	22	CN [normal]	Steel	60162RS-TIMKEN
6017-ZZ-C3	85		130	22	C3	Steel	6017ZZC3-TIMKEN
6017-ZZ	85		130	22	CN [normal]	Steel	6017ZZ-TIMKEN
6017-2RS-C3	85		130	22	C3	Steel	60172RSC3-TIMKEN
6017-2RS	85		130	22	CN [normal]	Steel	60172RS-TIMKEN
6018-ZZ-C3	90		140	24	C3	Steel	6018ZZC3-TIMKEN
6018-ZZ	90		140	24	CN [normal]	Steel	6018ZZ-TIMKEN
6018-2RS-C3	90		140	24	C3	Steel	60182RSC3-TIMKEN
6018-2RS	90		140	24	CN [normal]	Steel	60182RS-TIMKEN
6019-ZZ-C3	95		145	24	C3	Steel	6019ZZC3-TIMKEN
6019-ZZ	95		145	24	CN [normal]	Steel	6019ZZ-TIMKEN
6019-2RS	95		145	24	CN [normal]	Steel	60192RS-TIMKEN
6020-ZZ-C3	100		150	24	C3	Steel	6020ZZC3-TIMKEN
6020-ZZ	100		150	24	CN [normal]	Steel	6020ZZ-TIMKEN
6020-2RS-C3	100		150	24	C3	Steel	60202RSC3-TIMKEN
6020-2RS	100		150	24	CN [normal]	Steel	60202RS-TIMKEN
6021-ZZ-C3	105		160	26	C3	Steel	6021ZZC3-TIMKEN
6021-ZZ	105		160	26	CN [normal]	Steel	6021ZZ-TIMKEN
6021-2RS	105		160	26	CN [normal]	Steel	60212RS-TIMKEN
6022-ZZ-C3	110		170	28	C3	Steel	6022ZZC3-TIMKEN
6022-ZZ	110		170	28	CN [normal]	Steel	6022ZZ-TIMKEN
6022-2RS-C3	110		170	28	C3	Steel	60222RSC3-TIMKEN
6024-ZZ-C3	120		180	28	C3	Steel	6024ZZC3-TIMKEN
6024-ZZ	120		180	28	CN [normal]	Steel	6024ZZ-TIMKEN

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	mm	in	mm	mm			Max. 200 articles in the table
6024-2RS-C3	120		180	28	C3	Steel	60242RSC3-TIMKEN
6026-ZZ	130		200	33	CN [normal]	Steel	6026ZZ-TIMKEN
6026-2RS	130		200	33	CN [normal]	Steel	60262RS-TIMKEN
6028-ZZ	140		210	33	CN [normal]	Steel	6028ZZ-TIMKEN
6028-2RS	140		210	33	CN [normal]	Steel	60282RS-TIMKEN
6030-2RS	150		225	35	CN [normal]	Steel	60302RS-TIMKEN

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