



TIMKEN Miniature ball bearing closure on both sides

Miniature ball bearings are single-row deep groove ball bearings with a bore diameter of up to 10 mm. Single-row deep groove ball bearings are extremely versatile. They are simple in design, suitable for high to very high speeds, very robust and thus low-maintenance. Thanks to the deep grooves and the close contact between the grooves and the balls, deep groove ball bearings can tolerate both radial loads and axial loads in both directions, even at high speeds. Precision miniature ball bearings are particularly suitable for small electric motors and gearboxes, office machinery, medical equipment, mechatronic applications etc. Both open (unsealed) and sealed versions of the miniature 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:** 60
- Type:** 609
- Execution:** Single row
- Material:** Steel
- Sealing:** Closure on both sides
- With flange:** No

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
623-ZZ	3	10	4	CN [normal]	Steel	623ZZ-TIMKEN
623-2RS	3	10	4	CN [normal]	Steel	6232RS-TIMKEN
604-ZZ	4	12	4	CN [normal]	Steel	604ZZ-TIMKEN
624-ZZ	4	13	5	CN [normal]	Steel	624ZZ-TIMKEN
624-2RS	4	13	5	CN [normal]	Steel	6242RS-TIMKEN
634-2RS	4	16	5	CN [normal]	Steel	6342RS-TIMKEN
605-ZZ	5	14	5	CN [normal]	Steel	605ZZ-TIMKEN
605-2RS	5	14	5	CN [normal]	Steel	6052RS-TIMKEN
625-ZZ-C3	5	16	5	C3	Steel	625ZZC3-TIMKEN
625-ZZ	5	16	5	CN [normal]	Steel	625ZZ-TIMKEN
625-2RS	5	16	5	CN [normal]	Steel	6252RS-TIMKEN
635-ZZ	5	19	6	CN [normal]	Steel	635ZZ-TIMKEN
635-2RS	5	19	6	CN [normal]	Steel	6352RS-TIMKEN
619/6-ZZ	6	15	5	CN [normal]	Steel	619/6ZZ-TIMKEN
606-ZZ	6	17	6	CN [normal]	Steel	606ZZ-TIMKEN
606-2RS	6	17	6	CN [normal]	Steel	6062RS-TIMKEN
626-ZZ-C3	6	19	6	C3	Steel	626ZZC3-TIMKEN
626-ZZ	6	19	6	CN [normal]	Steel	626ZZ-TIMKEN
626-2RS-C3	6	19	6	C3	Steel	6262RSC3-TIMKEN
626-2RS	6	19	6	CN [normal]	Steel	6262RS-TIMKEN
607-ZZ-C3	7	19	6	C3	Steel	607ZZC3-TIMKEN
607-ZZ	7	19	6	CN [normal]	Steel	607ZZ-TIMKEN
607-2RS-C3	7	19	6	C3	Steel	6072RSC3-TIMKEN
607-2RS	7	19	6	CN [normal]	Steel	6072RS-TIMKEN
627-ZZ	7	22	7	CN [normal]	Steel	627ZZ-TIMKEN
627-2RS-C3	7	22	7	C3	Steel	6272RSC3-TIMKEN
627-2RS	7	22	7	CN [normal]	Steel	6272RS-TIMKEN
637-ZZ	7	26	9	CN [normal]	Steel	637ZZ-TIMKEN
619/8-ZZ	8	19	6	CN [normal]	Steel	619/8ZZ-TIMKEN
619/8-2RS	8	19	6	CN [normal]	Steel	619/82RS-TIMKEN
608-ZZ-C3	8	22	7	C3	Steel	608ZZC3-TIMKEN
608-ZZ	8	22	7	CN [normal]	Steel	608ZZ-TIMKEN

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
608-2RS-C3	8	22	7	C3	Steel	6082RSC3-TIMKEN
608-2RS	8	22	7	CN (normal)	Steel	6082RS-TIMKEN
628-ZZ	8	24	8	CN (normal)	Steel	628ZZ-TIMKEN
628-2RS	8	24	8	CN (normal)	Steel	6282RS-TIMKEN
638-ZZ	8	28	9	CN (normal)	Steel	638ZZ-TIMKEN
619/9-ZZ	9	20	6	CN (normal)	Steel	619/9ZZ-TIMKEN
609-ZZ-C3	9	24	7	C3	Steel	609ZZC3-TIMKEN
609-ZZ	9	24	7	CN (normal)	Steel	609ZZ-TIMKEN
609-2RS-C3	9	24	7	C3	Steel	6092RSC3-TIMKEN
609-2RS	9	24	7	CN (normal)	Steel	6092RS-TIMKEN
629-ZZ	9	26	8	CN (normal)	Steel	629ZZ-TIMKEN
629-2RS-C3	9	26	8	C3	Steel	6292RSC3-TIMKEN
629-2RS	9	26	8	CN (normal)	Steel	6292RS-TIMKEN
639-ZZ	9	30	10	CN (normal)	Steel	639ZZ-TIMKEN

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