

STANDARD DEEP-GROOVE
BALL BEARINGS
ENJOY THE SILENCE



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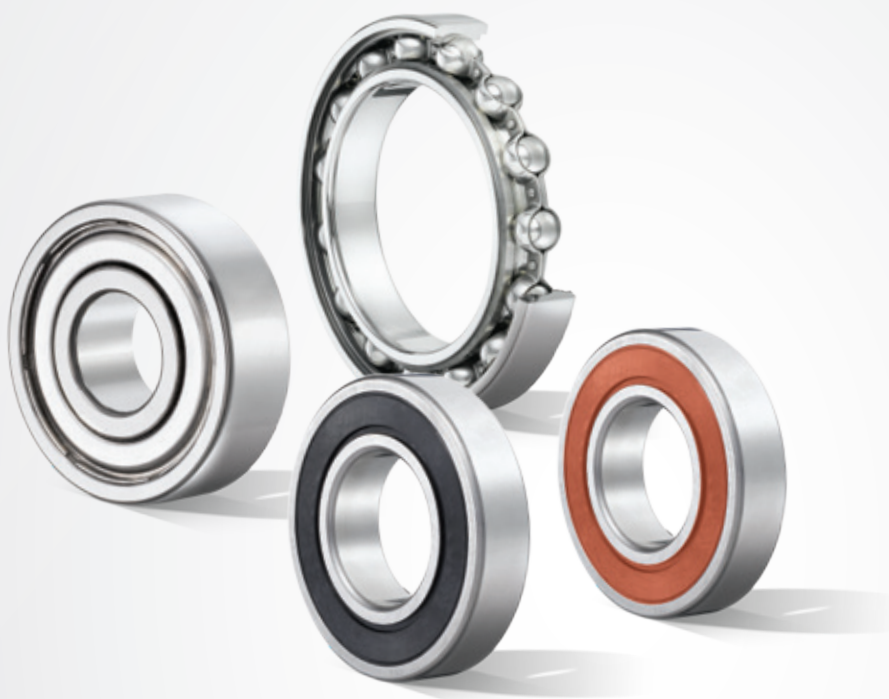
With You



STANDARD DEEP-GROOVE BALL BEARINGS

SIMPLICITY ALSO DESERVES THE BEST QUALITY

NTN is improving the performance of its standard ranges and introduces the new **CM internal clearance**.



LOW NOISE,
FOR ALL DIMENSIONS
ACROSS THE ENTIRE
RANGE



INTERNAL
CLEARANCE **WITHIN**
THE NORMAL RANGE



REDUCED TOLERANCE
OF INTERNAL
CLEARANCE



CLEARANCE CENTRED
TOWARDS THE LOWER
PART OF NORMAL
CLEARANCE

170 PART NUMBERS **MADE IN JAPAN** IN SINGLE BOXES MEETING THE REQUIREMENTS OF THE CM CLEARANCE

BORE CODES FOR SERIES 60, 62 AND 63	NORMAL CN INTERNAL CLEARANCE IN MICRONS	SPECIAL CM INTERNAL CLEARANCE IN MICRONS
from 07 to 08 inclusive	6 to 20	9 to 17
from 09 to 10 inclusive	6 to 23	9 to 17
from 11 to 13 inclusive	8 to 28	12 to 22
from 14 to 16 inclusive	10 to 30	12 to 22
from 17 to 20 inclusive	12 to 36	18 to 30
from 21 to 24 inclusive	15 to 41	18 to 30
from 26 to 28 inclusive	18 to 48	24 to 38
from 30 to 32 inclusive	18 to 53	24 to 38

ADVANTAGES OF THE RANGE

- 1 SOUND COMFORT WITHIN YOUR REACH**
 - **Quieter** running
 - **Reduced vibration**... even with the larger sizes
 - **Smooth** operation

- 2 EASY TO IMPLEMENT**
 - **No change** required to mounting parameters
 - **No additional** approvals
 - **Unchanged** load rating and speed

- 3 IMPROVED PERFORMANCE AT STANDARD PRICE**
 - **Additional quality** inspections (100% of parts)
 - Vibration levels **better than the European standard**
 - **Price identical** to that of the standard product



DESIGNATIONS OF THE CM RANGE

		ADDITIONAL SUFFIX		BORE CODES																																			
		BEFORE	AFTER																																				
		6000 SERIES		07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	24	26	28	30	32															
Open	60xx	60xx	60xx CM																																				
Shields	60xxZZ/5K	60xxZZ	60xxZZ CM /5K																																				
Contact seals	60xxLLU/5K	60xxLLU	60xxLLU CM /5K																																				
Non-contact seals	60xxLLB/5K	60xxLLB	60xxLLB CM /5K																																				
		6200 SERIES		07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	24	26	28	30	32															
Open	62xx	62xx	62xx CM																																				
Shields	62xxZZ/5K	62xxZZ	62xxZZ CM /5K																																				
Contact seals	62xxLLU/5K	62xxLLU	62xxLLU CM /5K																																				
Non-contact seals	62xxLLB/5K	62xxLLB	62xxLLB CM /5K																																				
		6300 SERIES		07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	24	26	28	30	32															
Open	63xx	63xx	63xx CM																																				
Shields	63xxZZ/5K	63xxZZ	63xxZZ CM /5K																																				
Contact seals	63xxLLU/5K	63xxLLU	63xxLLU CM /5K																																				
Non-contact seals	63xxLLB/5K	63xxLLB	63xxLLB CM /5K																																				



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