

# DEEP-GROOVE BALL BEARINGS **ENJOY THE SILENCE**



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With You

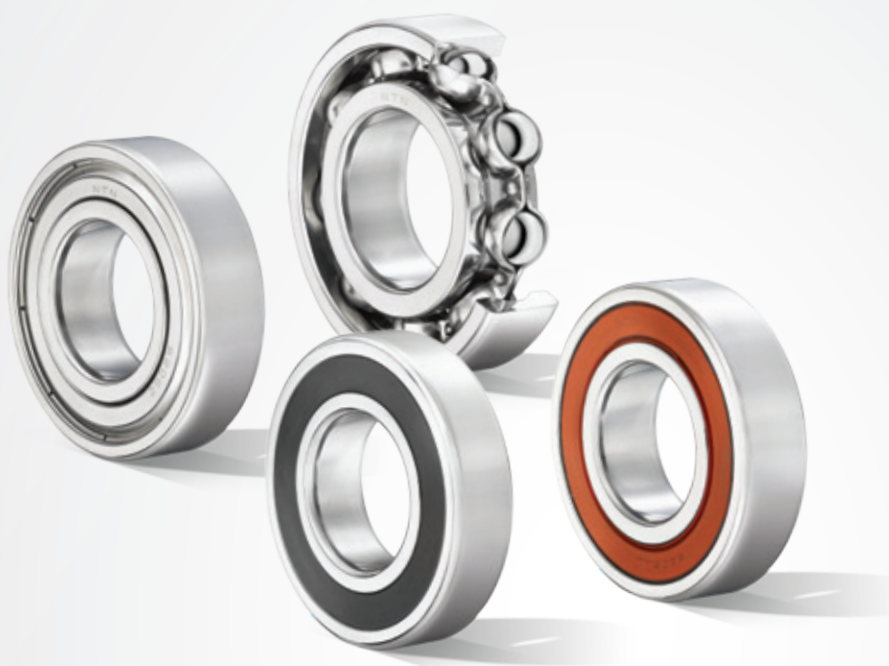




# DEEP-GROOVE BALL BEARINGS

## 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 <b>CN</b> INTERNAL CLEARANCE IN MICRONS	SPECIAL <b>CM</b> 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																															
			BEFORE		AFTER		BORE CODES																											
			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	60xxCM																																
Shields	60xxZZ/5K	60xxZZCM/5K																																
Contact seals	60xxLLU/5K	60xxLLUCM/5K																																
Non-contact seals	60xxLLB/5K	60xxLLBCM/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	62xxCM																																
Shields	62xxZZ/5K	62xxZZCM/5K																																
Contact seals	62xxLLU/5K	62xxLLUCM/5K																																
Non-contact seals	62xxLLB/5K	62xxLLBCM/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	63xxCM																																
Shields	63xxZZ/5K	63xxZZCM/5K																																
Contact seals	63xxLLU/5K	63xxLLUCM/5K																																
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