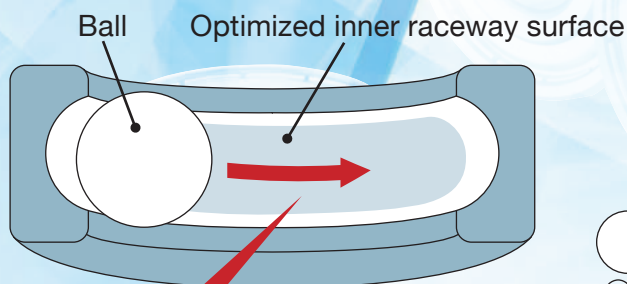


Motor-use Deep Groove Ball Bearings with Optimized Sound Output

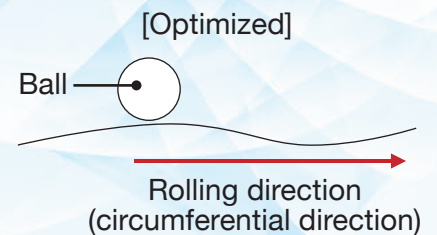
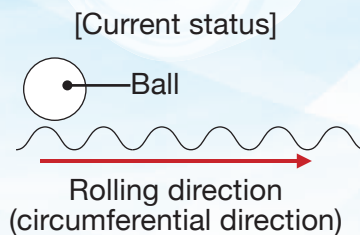
Sound from unpleasant frequencies to the human ear (1,000 Hz–5,000 Hz) is reduced.



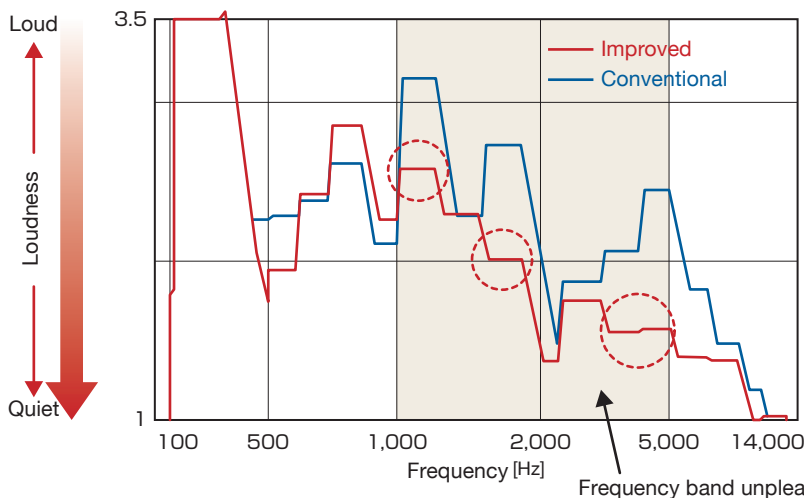
- Inner raceway surface is optimized by 3D analysis technology.



Smoothed surface in the rolling direction



● **Measured example**



Reduced loudness in the 1,000–5,000 Hz frequency band

● **Product lineup**

Bearing series	Inner dia. No.	Inner dia. (mm)	Outer dia. (mm)	Width (mm)	Basic rated load (kN)		Permissible rotational speed (min ⁻¹)	
					Cr	Cor	Grease lubrication	Oil lubrication
60	00	10	26	8	5.70	1.95	31,000	36,000
	01	12	28	8	6.40	2.40	27,000	32,000
	02	15	32	9	7.00	2.85	23,000	27,000
62	00	10	30	9	6.40	2.40	24,000	29,000
	01	12	32	10	8.50	3.05	22,000	27,000
	02	15	35	11	9.55	3.75	20,000	24,000
	03	17	40	12	12.0	4.80	17,000	21,000
	04	20	47	14	16.0	6.65	15,000	17,000
	05	25	52	15	17.5	7.85	13,000	15,000
	06	30	62	16	24.3	11.3	11,000	13,000
	07	35	72	17	32.1	15.4	9,200	11,000
	08	40	80	18	36.4	17.8	8,300	10,000
	09	45	85	19	40.9	20.3	7,700	9,200
10	50	90	20	43.9	23.3	7,100	8,500	
63	00	10	35	11	10.1	3.45	22,000	27,000
	01	12	37	12	12.1	4.20	20,000	25,000
	02	15	42	13	14.3	5.45	17,000	20,000
	03	17	47	14	17.0	6.65	15,000	18,000
	04	20	52	15	19.9	7.85	14,000	17,000
	05	25	62	17	25.7	11.3	11,000	13,000
	06	30	72	19	33.3	15.0	9,600	12,000
	07	35	80	21	41.7	19.3	8,500	10,000
	08	40	90	23	50.9	24.0	7,700	9,200
	09	45	100	25	61.1	29.5	6,800	8,100
69	01	12	24	6	3.60	1.45	31,000	36,000
	02	15	28	7	5.40	2.25	26,000	30,000

*Available with shielding plates, seals, etc.

Applications

- **Motors of household appliances and industrial machinery**
- **Machines used indoor or near humans**

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