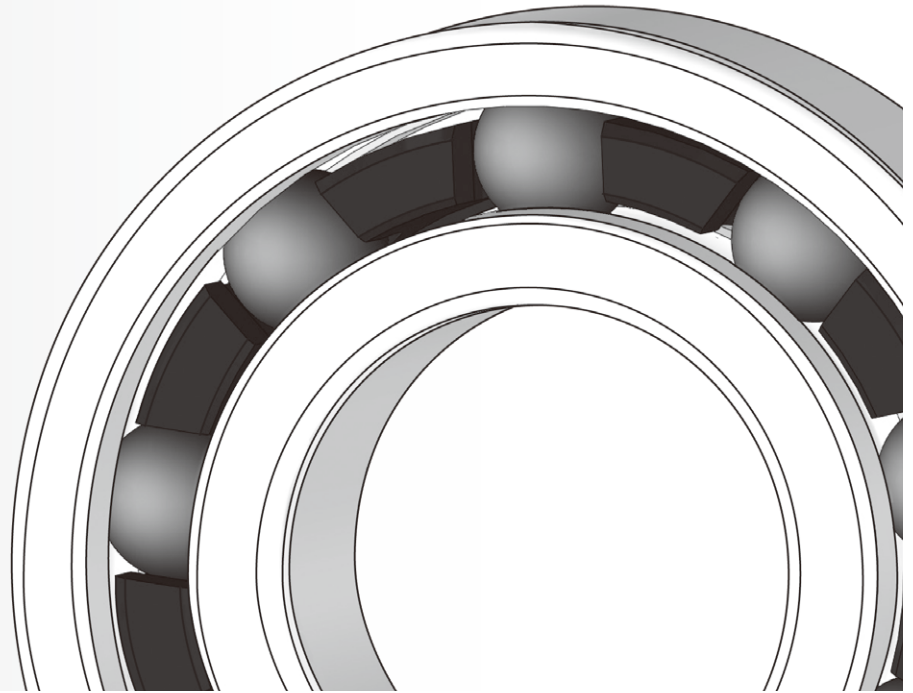


SMT

2C Series Ceramic Bearings



◎Features

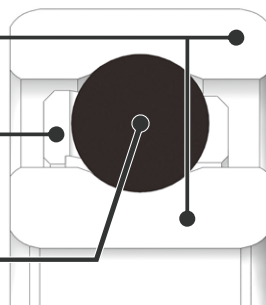
- 1. Corrosion Resistance** Usable in extremely corrosive environment, by using ceramics for outer and inner rings and balls, and fluorine resin for retainer.
- 2. Nonmagnetism** Completely nonmagnetic, by using ceramics.
- 3. No-lubricant** Usable without grease, even in environment where greases can not be used, by using fluorine resin for retainer.

◎Materials

Outer and Inner Rings:
Zirconia Ceramic(ZrO_2)

Retainer:
Fluorine Resin

Balls:
Silicon Nitride Ceramic(Si_3N_4)



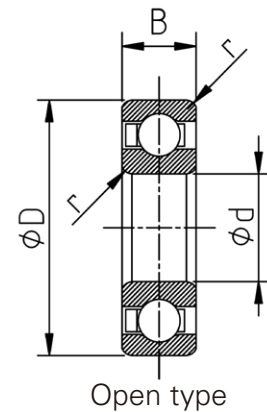
◎Applications

Seawater-related Equipment, Plating Machine, Electronic Device, Equipment used in Low Temperature, Etching Equipment, etc.

◎Product Specifications

●Standard Specifications

Outer and Inner Rings	Zirconia Ceramic(ZrO ₂)
Balls	Silicon Nitride Ceramic(Si ₃ N ₄)
Retainer	Fluorine Resin



●Dimensions

Bearing Numbers	Bore	O.D.	Width	Chamfer	Allowable Radial Load N	Allowable Rotation min ⁻¹
	d	D	B	r Min.		
	mm	mm	mm	mm		
2C 6000 CB CN3	10	26	8	0.3	290	3150
2C 6200 CB CN3	10	30	9	0.6	325	2760
2C 6001 CB CN3	12	28	8	0.3	325	2760
2C 6201 CB CN3	12	32	10	0.6	430	2570
2C 6002 CB CN3	15	32	9	0.3	355	2410
2C 6202 CB CN3	15	35	11	0.6	485	2220
2C 6003 CB CN3	17	35	10	0.3	380	2180
2C 6203 CB CN3	17	40	12	0.6	610	1950
2C 6004 CB CN3	20	42	12	0.6	600	1800
2C 6204 CB CN3	20	47	14	1.0	815	1640
2C 6005 CB CN3	25	47	12	0.6	640	1570
2C 6205 CB CN3	25	52	15	1.0	890	1450
2C 6006 CB CN3	30	55	13	1.0	840	1330
2C 6206 CB CN3	30	62	16	1.0	1240	1210

* Allowable radial load and rotation are figures when using the bearings without lubricants.

◎Precautions

- Ceramics are extremely brittle to impact of dropping and others. Please handle with care.
- Fitting is class H tolerance range.

SMT

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