

Koyo®

For More Reliable Semiconductor and LCD Production Process

Solid Lubricant Bearings

EXSEV Bearing Series

PN Bearings



Vacuum

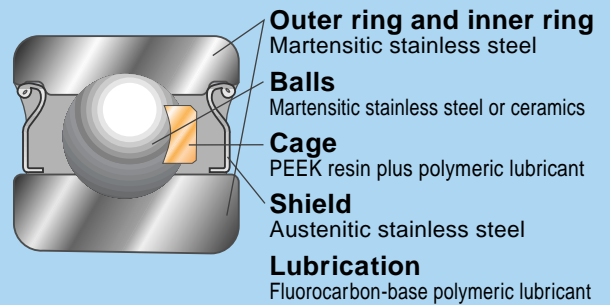
High Temperature

Applications

Operating pressure: Atmospheric pressure to high vacuum (10^{-5} Pa)
Operating temperature: -30°C to 300°C

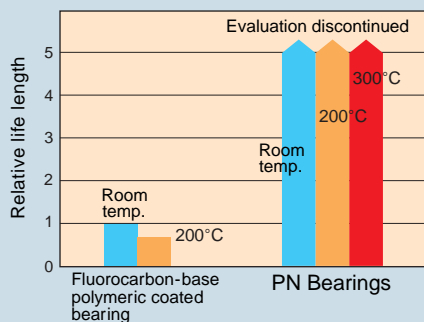
Specifications

All bearing components are made from stainless steel except the cage, which is made from resin and provides excellent lubrication. The base cage material is highly heat resistant polyether-etherketone (PEEK) resin, to which fluorocarbon-base polymeric lubricant is added, ensuring long service life in a high temperature environment.

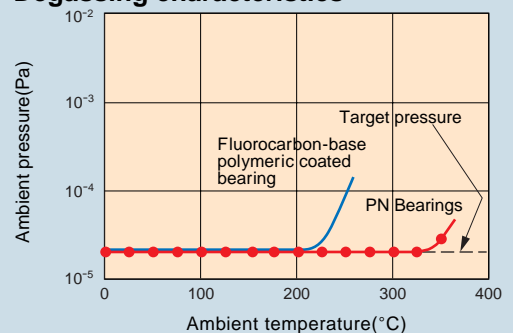


Performance

Comparison in running torque life



Degassing characteristics



ISO9001/QS-9000
Certificate No. 927265

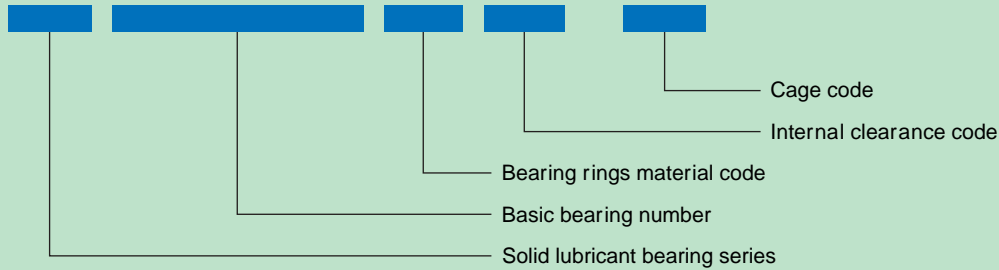
KOYO SEIKO CO., LTD.

CAT.NO.183E

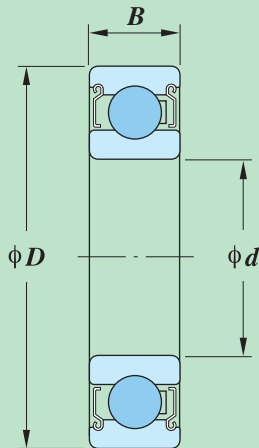
SK Bearing Numbering System

Typical bearing number

SE 6002ZZ ST C3 PN



Bearing Dimensions



Boundary dimensions(mm)			60 Series		62 Series	
d	D	B				
6	17 19	6	SE606ZZSTC3	PN	○ SE626ZZSTC3	PN
8	22 24	7 8	○ SE608ZZSTC3	PN	SE628ZZSTC3	PN
10	26 30	8 9	○ SE6000ZZSTC3	PN	○ SE6200ZZSTC3	PN
12	28 32	8 10	○ SE6001ZZSTC3	PN	○ SE6201ZZSTC3	PN
15	32 35	9 11	○ SE6002ZZSTC3	PN	○ SE6202ZZSTC3	PN
17	35 40	10 12	○ SE6003ZZSTC3	PN	○ SE6203ZZSTC3	PN
20	42 47	12 14	○ SE6004ZZSTC3	PN	○ SE6204ZZSTC3	PN
25	47 52	12 15	○ SE6005ZZSTC3	PN	○ SE6205ZZSTC3	PN
30	55 62	13 16	○ SE6006ZZSTC3	PN	○ SE6206ZZSTC3	PN

○ Bearings marked with a circle will be shipped immediately.

For more information, contact your nearest Koyo representative or Koyo product distributor.

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