

# Koyo®

## For More Reliable Semiconductor and LCD Production Process

### Solid Lubricant Bearings

# EXSEV

Bearing Series

# WS Bearings



Vacuum

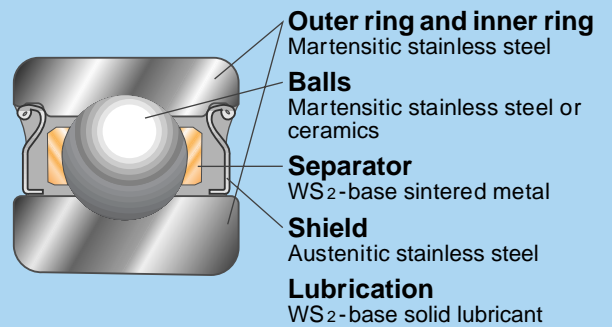
High Temperature

### Applications

Operating pressure: Atmospheric pressure to high vacuum ( $10^{-5}$  Pa)  
 Operating temperature: Up to 350°C  
 Load: The service life is ten times that of bearings lubricated by fluorocarbon-base polymeric coated under high load conditions.

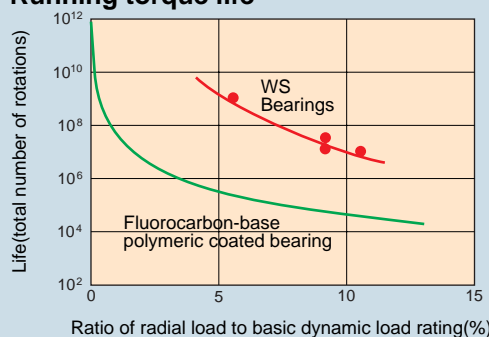
### Specifications

Major bearing components are made from stainless steel, to which a sintered metal separator, which ensures good lubrication, is added. The separator is highly resistant to both heat and load, enabling the bearings to serve high-temperature applications.

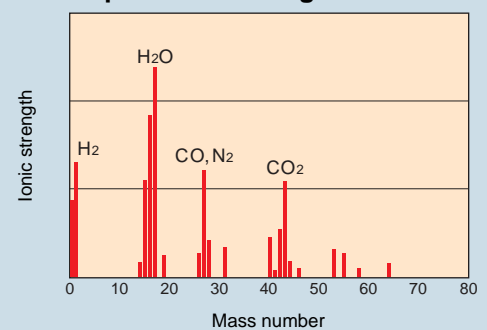


### Performance

Running torque life



Mass spectrum of out gas



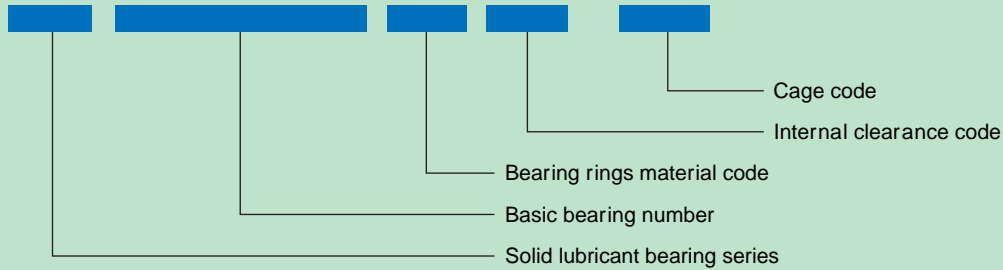
ISO9001/QS-9000  
 Certificate No. 927265

## KOYO SEIKO CO., LTD.

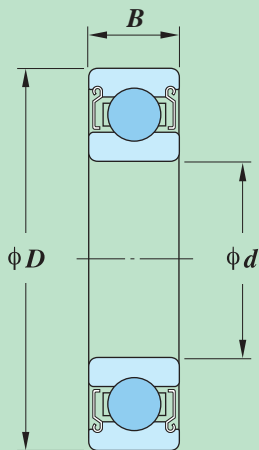
## WS Bearing Numbering System

Typical bearing number

# SE 6002ZZ ST C4 WS



## Bearing Dimensions



Boundary dimensions (mm)			60 Series		62 Series	
$d$	$D$	$B$				
6	17	6	SE606ZZSTC4	WS		
	19	6			○ SE626ZZSTC4	WS
8	22	7	○ SE608ZZSTC4	WS		
	24	8			SE628ZZSTC4	WS
10	26	8	○ SE6000ZZSTC4	WS		
	30	9			SE6200ZZSTC4	WS
12	30	8	○ SE6001ZZSTC4	WS		
	32	10			SE6201ZZSTC4	WS
15	32	9	○ SE6002ZZSTC4	WS		
	35	11			SE6202ZZSTC4	WS
17	35	10	○ SE6003ZZSTC4	WS		
	40	12			SE6203ZZSTC4	WS
20	42	12	○ SE6004ZZSTC4	WS		
	47	14			SE6204ZZSTC4	WS
25	47	12	○ SE6005ZZSTC4	WS		
	52	15			SE6205ZZSTC4	WS
30	55	13	○ SE6006ZZSTC4	WS		
	62	16			SE6206ZZSTC4	WS

○ 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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