

Koyo®

For More Reliable Semiconductor and LCD Production Process

Clean Grease Packed Bearings

EXSEV Bearing Series

SK Bearings



Clean

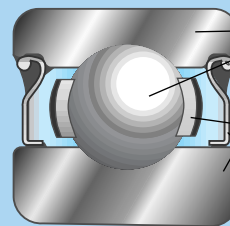
Features

Cleanliness: Optimal for clean room use with packed in low particle generation grease

Operating temperature: Up to 120°C

Specifications

All bearing components are made from stainless steel and an adequate amount of clean grease is packed in.



Outer ring, inner ring and balls

Martensitic stainless steel

Cage

Austenitic stainless steel

Shield

Austenitic stainless steel

Lubrication

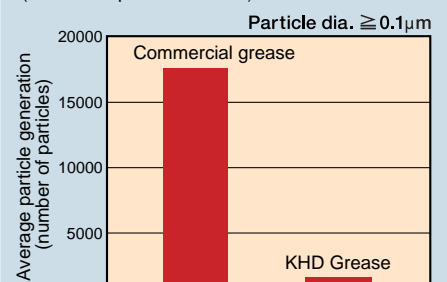
KHD Grease

Performance

Grease properties

	KHD Grease
Thickener	Lithium soap
Base oil	Polyalphaolefin
Dropping point	203°C
Evaporation loss(99°C×22h)	0.14wt%
Oil separation(100°C×24h)	0.1wt%
Operating temperature	-30 to 130°C

Particle generation characteristics (number of particles/0.1ft³)



ISO9001/QS-9000
Certificate No. 927265

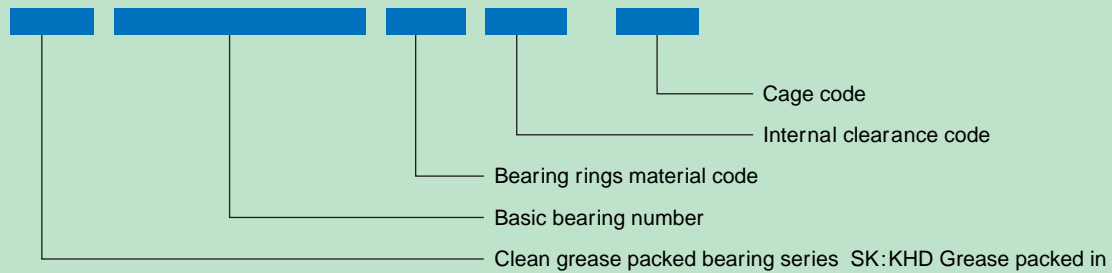
KOYO SEIKO CO., LTD.

CAT.NO.181E

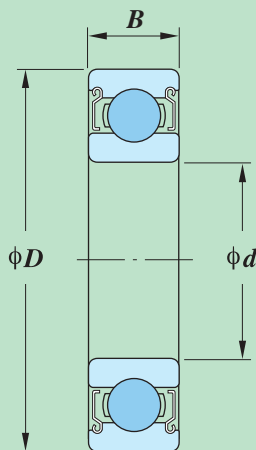
SK Bearing Numbering System

Typical bearing number

SK 6002ZZ ST C3 YS



Bearing Dimensions



Boundary dimensions(mm)			69 Series	60 Series	62 Series
d	D	B			
10	22	6	SK6900ZZSTC3		
	26	8		SK6000ZZSTC3	
	30	9			SK6200ZZSTC3
12	24	6	SK6901ZZSTC3		
	28	8		SK6001ZZSTC3	
	32	10			SK6201ZZSTC3
15	28	7	SK6902ZZSTC3		
	32	9		SK6002ZZSTC3	
	35	11			SK6202ZZSTC3
17	30	7	SK6903ZZSTC3		
	35	10		SK6003ZZSTC3	
	40	12			SK6203ZZSTC3
20	37	9	SK6904ZZSTC3		
	42	12		SK6004ZZSTC3	
	47	14			SK6204ZZSTC3
25	42	9	SK6905ZZSTC3		
	47	12		SK6005ZZSTC3	
	52	15			SK6205ZZSTC3
30	47	9	SK6906ZZSTC3		
	55	13		SK6006ZZSTC3	
	62	16			SK6206ZZSTC3
35	55	10	SK6907ZZSTC3		
	62	14		SK6007ZZSTC3	
	72	17			SK6207ZZSTC3
40	68	15		SK6008ZZSTC3	
	80	18			SK6208ZZSTC3

Products with a contact seal (2RS) are also available. consult Koyo for details.

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

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