

Koyo®

For More Reliable Semiconductor and LCD Production Process

Clean Grease Packed Bearings

EXSEV

Bearing Series

SV Bearings

SV Bearings



Clean

Vacuum

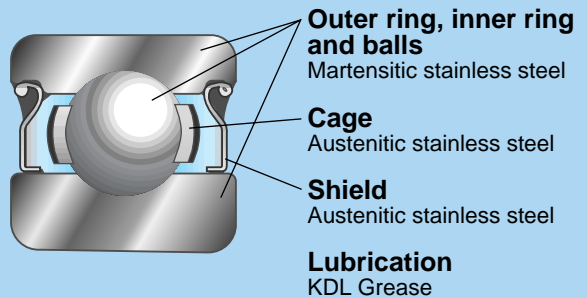
High Temperature

Features

Cleanliness: Optimal for clean-room use with packed in low particle generation grease
 Operating pressure: Atmospheric pressure to high vacuum (10^{-5} Pa)
 Operating temperature: -30°C to 250°C

Specifications

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



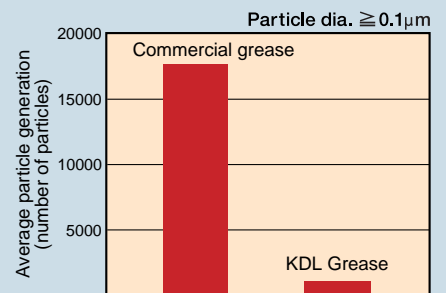
The KDL Grease can be used in pressure conditions up to a vacuum of 10^{-5} Pa. However, for high temperature, high vacuum applications, consult Koyo.

Performance

Grease properties

		KDL Grease
Thickener		Fluorocarbon resin
Base oil		Fluorocarbon oil
Dropping point		None
Evaporation loss		0.1wt% max.
Oil separation		2wt% max.
Operating temperature	In atmospheric air	-30 to 250°C
	In vacuum	-30 to 100°C

Particle generation characteristics (number of particles/ 0.1ft^3)



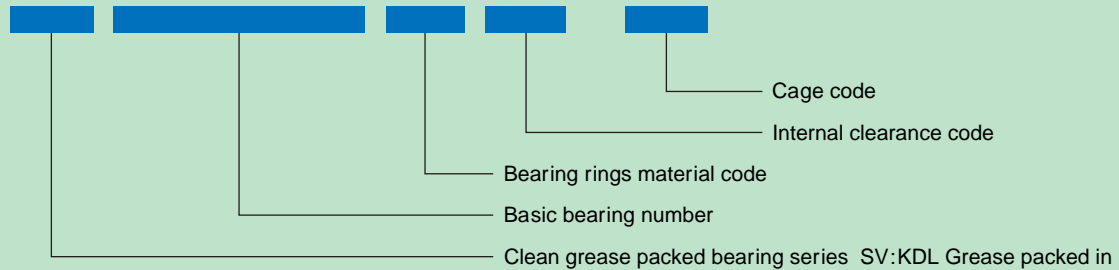
ISO9001/QS-9000
 Certificate No. 927265

KOYO SEIKO CO., LTD.

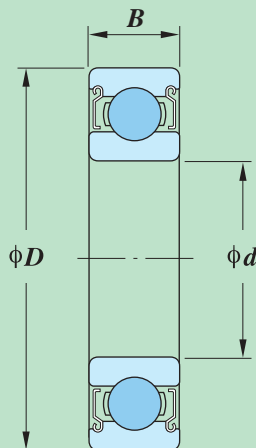
SV Bearing Numbering System

Typical bearing number

SV 6002ZZ ST C3 YS



Bearing Dimensions



Boundary dimensions (mm)			69 Series	60 Series	62 Series
<i>d</i>	<i>D</i>	<i>B</i>			
10	22	6	SV6900ZZSTC3		
	26	8		SV6000ZZSTC3	
	30	9			SV6200ZZSTC3
12	24	6	SV6901ZZSTC3		
	28	8		SV6001ZZSTC3	
	32	10			SV6201ZZSTC3
15	28	7	SV6902ZZSTC3		
	32	9		SV6002ZZSTC3	
	35	11			SV6202ZZSTC3
17	30	7	SV6903ZZSTC3		
	35	10		SV6003ZZSTC3	
	40	12			SV6203ZZSTC3
20	37	9	SV6904ZZSTC3		
	42	12		SV6004ZZSTC3	
	47	14			SV6204ZZSTC3
25	42	9	SV6905ZZSTC3		
	47	12		SV6005ZZSTC3	
	52	15			SV6205ZZSTC3
30	47	9	SV6906ZZSTC3		
	55	13		SV6006ZZSTC3	
	62	16			SV6206ZZSTC3
35	55	10	SV6907ZZSTC3		
	62	14		SV6007ZZSTC3	
	72	17			SV6207ZZSTC3
40	68	15		SV6008ZZSTC3	
	80	18			SV6208ZZSTC3

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

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