

# NTN SC08A37LLHPX1V3NT deep groove ball bearings

NTN SC08A37LLHPX1V3NT deep groove ball bearings Engineering 25x52x15 Size (mm) Calculator , Manufacturing Service . Get Your Free.

Size (mm)	25x52x15
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Width (mm)	15
d	25 mm
D	52 mm
B	15 mm
C	15 mm
rn	0,5 mm
a	2,46 mm
b	1,35 mm
f	1,12 mm
r min.	1 mm
r $\theta$ max.	0,4 mm
D1	49,73 mm
D2	57,9 mm
da min.	30 mm
da max	32 mm
Da max.	47 mm
ra max.	1 mm
Dx	58,5 mm
Cy	3,3 mm

Cz	1,2 mm
Weight	0,128 Kg
Basic dynamic load rating (C)	14 kN
Basic static load rating (C0)	7,85 kN
(Grease) Lubrication Speed	13 000 r/min
(Oil) Lubrication Speed	15 000 r/min
a min	2.31 mm
a max	2.46 mm
Ca min	3.33 mm
Ca max	3.58 mm
rs min	1 mm
rNs min	0.5 mm
D3 max	49.73 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	57.9 mm
Snap ring reference	R52
Radial clearance class	CN
Mass	0.13 kg
Dynamic load, C	14 kN
Static load, C0	7.85 kN
Fatigue limit load, Cu	0.36 kN
f0	13.9
Nlim (oil)	15,000 rpm
Nlim (grease)	13,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz

Characteristic rolling element frequency, BSF	4.71 Hz
Characteristic outer ring frequency, BPF0	3.58 Hz
Characteristic inner ring frequency, BRFI	5.42 Hz
da min	30 mm
Da max	47 mm
ra max	1 mm
rNa max	0.5 mm
Db min	58.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.13
EAN	4547359563474
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch – Metric	Metric

Long Description	25MM Bore; 52MM Outside Diameter; 15MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Fil
Other Features	Deep Groove   With Snap Ring
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	6205NR
Weight / LBS	0.287
Bore	0.984 Inch   25 Millimeter
Outside Diameter	2.047 Inch   52 Millimeter
Outer Race Width	0.591 Inch   15 Millimeter
Inner Race Width	0 Inch   0 Millimeter
bore diameter:	25 mm
precision rating:	ISO Class 0
outside diameter:	52 mm
finish/coating:	Uncoated
overall width:	15 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	15 mm
row type & fill slot:	Single Row Non-Fill Slot

outer ring width:	15 mm
snap ring included:	With Snap Ring
maximum rpm (grease):	13000 rpm
internal clearance:	CN
maximum rpm (oil):	15000 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	1 mm
dynamic load capacity:	14000 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	7850 N