

# SIGMA LJ 1/2 deep groove ball bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all 55x105x35 Size (mm) your SIGMA LJ 1/2 deep groove ball bearings needs 55 Bore Diameter (mm) – including routine maintenance, major repairs, warranty service, and equipment inspections. 105 Outer Diameter (mm)

Size (mm)	55x105x35
Bore Diameter (mm)	55
Outer Diameter (mm)	105
Width (mm)	35
d	55 mm
D	105 mm
T	35 mm
d1	105 mm
r min.	1,1 mm
D1	57 mm
da min.	85 mm
Da max.	75 mm
ra max.	1 mm
Weight	1,31 Kg
Basic dynamic load rating (C)	115 kN
Basic static load rating (C0)	244 kN
(Grease) Lubrication Speed	1600 r/min
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A

Weight / Kilogram	1.35
EAN	0029176036842
Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	Non-Precision
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row   With Flat Seat
Long Description	55MM Bore 1; 57MM Bore 2; 105MM Outside Diameter; 35MM Height; Ball Bearing; Single Direction; Not B
Inch – Metric	Metric
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer Item Number	51311
Weight / LBS	2.88806
Bore 1	2.165 Inch   55 Millimeter
Outside Diameter	4.134 Inch   105 Millimeter
Bore 2	2.244 Inch   57 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Height	1.378 Inch   35 Millimeter
bore diameter:	55 mm
static load capacity:	55000 lbf

outside diameter:	105 mm
dynamic load capacity:	26000 lbf
overall width:	35 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	2400 rpm
outside diameter design:	Straight
cage material:	Steel Cage
separable or banded:	Separable
fillet radius:	1.1 mm
race type:	Flat
series:	51300
precision rating:	ABEC1, P0
SRI	9.4
hidYobi	51311
LangID	1
D_	105
SREX	0.065
C	115
B_	35
hidTable	ecat_NSSDTB
Oil rpm	2400
SRE	9.4
mass	1.31
GRS rpm	1600
ra	1
SRIX	0.065
D_a	75
SRIN	0

C0	244
SREN	0
D_1	57
Prod_Type3	TB_SD_WFS
da	85
DA_	17.462
Z_	13
yobi	51311
SDM_	80
r	1.1
T_	35
KBRG	5111