

# 51115 NSK SREN 0 75x100x19mm Thrust ball bearings

Bearing number	51115
Size (mm)	75x100x19
Brand	NSK
Bore Diameter (mm)	75
Outer Diameter (mm)	100
Width (mm)	19
d	75 mm
D	100 mm
T	19 mm
d1	100 mm
r min.	1 mm
d3	77 mm
da min.	90 mm
Da max.	85 mm
ra max.	1 mm
Weight	0.389 Kg
Basic dynamic load rating (C)	43.5 kN
Basic static load rating (C0)	131 kN
Lubrication Speed	2300 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.39
EAN	0029176026461
Product Group - BSI	808308
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	75MM Bore 1; 77MM Bore 2; 100MM Outside Diameter; 19MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category - BSI	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	51115
Weight / LBS	0.8576
Overall Height with Aligned Washer	0 Inch   0 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
Bore 1	2.953 Inch   75 Millimeter
Bore 2	3.031 Inch   77 Millimeter
Height	0.748 Inch   19 Millimeter
bore diameter:	75 mm
static load capacity:	13400 kg
outside diameter:	100 mm
dynamic load capacity:	4450 kg
overall width:	19 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	3400 RPM
outside diameter design:	Straight
cage material:	Steel
separable or banded:	Separable
fillet radius:	1 mm
face type:	Flat
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
SKT	4.7
hidYob1	51115
LangID	1
D_	100
SKX	0.04
C	43.5
B_	19
CAD	<a href="http://service.webcad.co.jp/pcen/PMaker-NSK_RBInfo-nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_santab.prj?varset={ORDER=51115}&amp;{SD=75}&amp;{D=100}&amp;{T=19}&amp;{SR=1.0}&amp;{CAM=43500}&amp;{CGAN=131000}&amp;{CA=4450}&amp;{COA=13400}&amp;{GRE=2200}&amp;{OIL=3400}&amp;{SD1=100}&amp;{D1=77}&amp;{CDA=0}&amp;{DA=85}&amp;{SRA=1.0}&amp;{MASS=0.389}">http://service.webcad.co.jp/pcen/PMaker-NSK_RBInfo-nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_santab.prj?varset={ORDER=51115}&amp;{SD=75}&amp;{D=100}&amp;{T=19}&amp;{SR=1.0}&amp;{CAM=43500}&amp;{CGAN=131000}&amp;{CA=4450}&amp;{COA=13400}&amp;{GRE=2200}&amp;{OIL=3400}&amp;{SD1=100}&amp;{D1=77}&amp;{CDA=0}&amp;{DA=85}&amp;{SRA=1.0}&amp;{MASS=0.389}</a>
hofftable	ecat_NSDTB
d11 rpm	3400
SRE	4.7
max	0.389
GPS rpm	2200
ra	1
SKX	0.04
D_a	85
SREN	0
C0	131
SREN	0
D_1	77
Prod_Type3	TB_50_WFS
da	90
DA_	0.731
Z_	20
yob1	51115
SOR_	07.5
r	1
T_	19
KBRG	5111
calcURL	/bearingguide/html/calculation.jsp