

# 51111 NSK SREN 0 55x78x16mm Thrust ball bearings

Bearing number	51111
Size (mm)	55x78x16
Brand	NSK
Bore Diameter (mm)	55
Outer Diameter (mm)	78
Width (mm)	16
d	55 mm
D	78 mm
T	16 mm
d1	78 mm
r min.	0.6 mm
d1	57 mm
d2 min.	59 mm
D2 max.	64 mm
ra max.	0.6 mm
Weight	0.227 Kg
Basic dynamic load rating (C)	35 kN
Basic static load rating (C0)	93 kN
(Grease) Lubrication Speed	2800 r/min
Category	Thrust Ball Bearing
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.235
EAN	602917602908
Product Group - BDI	800308
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	5099 Bore 1; 5799 Bore 2; 7899 Outside Diameter; 1099 Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category - BDI	Thrust Ball Bearings
UNSPSC	31171052
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	51111
Weight / LBS	0.50045
Bore 1	2.165 Inch   55 Millimeter
Height	0.63 Inch   16 Millimeter
Bore 2	2.244 Inch   57 Millimeter
Outside Diameter	3.071 Inch   78 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore diameter:	55 mm
static load capacity:	20900 lbf
outside diameter:	78 mm
dynamic load capacity:	7900 lbf
overall width:	16 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	4300 rpm
outside diameter design:	Straight
cage material:	Steel Cage
separable or banded:	Separable
fillet radius:	.6 mm
race type:	Flat
series:	51100
precision rating:	ABEC1_P0
SMT	4.3
hidYobi	51111
LangID	1
D_	78
SREX	0.94
C	35
B	16
CAD	<a href="http://service.web2cad.co.jp/pcom/Make-NSK_RB&amp;info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asstab.prj&amp;varset={ORDER=51111} (SP=55) (D=78) (T=16) (SR=0.6) (CAN=35000) (COAN=93000) (Ca=3600) (COA=9500) (GRE=2800) (D1L=4300) (SD1=78) (D1=57) (SDA=69) (DA=64) (SRA=0.6) (MASS=0.227)">http://service.web2cad.co.jp/pcom/Make-NSK_RB&amp;info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asstab.prj&amp;varset={ORDER=51111} (SP=55) (D=78) (T=16) (SR=0.6) (CAN=35000) (COAN=93000) (Ca=3600) (COA=9500) (GRE=2800) (D1L=4300) (SD1=78) (D1=57) (SDA=69) (DA=64) (SRA=0.6) (MASS=0.227)</a>
hidTable	ecat_NSS07B
G11 rpm	4300
SRE	4.3
mass	0.227
GRS rpm	2800
ra	0.6
SREX	0.94
D_0	64
SREN	0
C0	93
SREN	0
D_1	57
Prod_Type43	78_50_MFS
d2	69
DA_	7.938
Z_	24
yobi	51111
SAP_	06.5
r	0.6
T_	16
KBRG	5111
calc01	/BearingGuide/html/calculation.jsp