

# 51105 NSK 25x42x11mm SREN 0

## Thrust ball bearings

Bearing number	51105
Size (mm)	25x42x11
Brand	NSK
Bore Diameter (mm)	25
Outer Diameter (mm)	42
Width (mm)	11
d	25 mm
D	42 mm
T	11 mm
d1	42 mm
r min.	0.6 mm
d1	26 mm
d2 min.	15 mm
D2 max.	32 mm
ra max.	0.6 mm
Weight	0.056 Kg
Basic dynamic load rating (C)	19.7 kN
Basic static load rating (C0)	37 kN
(Grease) Lubrication Speed	4800 r/min
Category	Thrust Ball Bearing
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.05
EAN	6029176016409
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	2099 Bore 1; 2099 Bore 2; 4299 Outside Diameter; 1199 Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category - BDI	Thrust Ball Bearings
HSFSC	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	51105
Weight / LBS	0.12346
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 2	1.024 Inch   26 Millimeter
Height	0.433 Inch   11 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter
Bore 1	0.984 Inch   25 Millimeter
Bore diameter:	25 mm
static load capacity:	3800 kg
outside diameter:	42 mm
dynamic load capacity:	2010 kg
overall width:	11 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	7100 RPM
outside diameter design:	Straight
cage material:	Steel
separable or banded:	Separable
fillet radius:	0.6 mm
race type:	Flat
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
SKT	3.4
hidYobi	51105
LangID	1
D_	42
SHX	0.04
C	19.7
B_	11
CAD	<a href="http://service.web2cad.co.jp/pcom/Maker-NSK_RB&amp;info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asstab.prj&amp;varset=(DRD=51105).(SD=25).(D=42).(T=11).(SR=0.6).(CAN=19700).(COAN=37000).(Ca=2010).(COA=3800).(GR=4800).(D1L=7100).(SD1=42).(D1=20).(SDA=35).(DA=32).(SRA=0.6).(MASS=0.056)">http://service.web2cad.co.jp/pcom/Maker-NSK_RB&amp;info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asstab.prj&amp;varset=(DRD=51105).(SD=25).(D=42).(T=11).(SR=0.6).(CAN=19700).(COAN=37000).(Ca=2010).(COA=3800).(GR=4800).(D1L=7100).(SD1=42).(D1=20).(SDA=35).(DA=32).(SRA=0.6).(MASS=0.056)</a>
hidTable	ecat_NSS07B
G11 rpm	7100
SFC	2.4
mass	0.056
GR5 rpm	4800
ra	0.6
SHX	0.04
D_	42
SHN	0
CB	37
SHN	0
D_1	26
Prod_Type43	TB_50_MFS
da	35
DA_	6.35
Z_	15
yobi	51105
SK_	3.4
r	0.6
T_	11
KBRG	5111
calc01	/BearingGuide/html/calculation.jsp