

# 51106 NSK overall width: 11 mm 30x47x11mm Thrust ball bearings

Bearing number	51106
Size (mm)	30x47x11
Brand	NSK
Bore Diameter (mm)	30
Outer Diameter (mm)	47
Width (mm)	11
d	30 mm
D	47 mm
T	11 mm
d1	47 mm
r min.	0.6 mm
d1	32 mm
da min.	40 mm
da max.	37 mm
ra max.	0.6 mm
Weight	0.064 Kg
Basic dynamic load rating (C)	20.6 kN
Basic static load rating (C0)	42 kN
(Grease) Lubrication Speed	4300 r/min
Category	Thrust Ball Bearing
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.067
EAN	0029176026416
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	30MM Bore 1; 32MM Bore 2; 47MM Outside Diameter; 11MM 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
Non-Keyword String	Bearing
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	51106
Weight / LBS	0.1411
Bore 2	1.26 Inch   32 Millimeter
Outside Diameter	1.85 Inch   47 Millimeter
Height	0.433 Inch   11 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	1.181 Inch   30 Millimeter
bore diameter:	30 mm
static load capacity:	4300 kg
outside diameter:	47 mm
dynamic load capacity:	2100 kg
overall width:	11 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	6700 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)
SRI	3.4
NSKprod	51106
LangID	1
D_	47
SREX	0.04
C	20.6
B_	11
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={ORIG=51106} (SD=30) (D=47) (T=11) (SR=0.6) (CAN=20600) (CAN=42000) (D=2100) (CA=4300) (GR=4300) (D1L=0700) (SD1=47) (D1=32) (SDA=40) (DA=37) (SRA=0.6) (MSS=0.064)">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={ORIG=51106} (SD=30) (D=47) (T=11) (SR=0.6) (CAN=20600) (CAN=42000) (D=2100) (CA=4300) (GR=4300) (D1L=0700) (SD1=47) (D1=32) (SDA=40) (DA=37) (SRA=0.6) (MSS=0.064)</a>
hdfFile	ecat_N550TB
d1l rpm	6700
SRE	3.4
MSS	0.064
GRS rpm	4300
ra	0.6
SREX	0.04
D_a	37
SREN	0
CD	42
SREN	0
D_1	32
Prod_Type3	TB_SD_MFS
da	40
DA_	0.35
Z_	17

yp01	51106
SDM	38.5
r	0.6
T <sub>c</sub>	11
KBRG	5111
calc01	/bearingGuide/html/calculation.jsp