

51107 NSK hidYobi 51107 35x52x12mm Thrust ball bearings

Bearing number	51107
Size (mm)	35x52x12
Brand	NSK
Bore Diameter (mm)	35
Outer Diameter (mm)	52
Width (mm)	12
d	35 mm
D	52 mm
T	12 mm
d1	52 mm
r min.	0.6 mm
d1	37 mm
da min.	45 mm
da max.	42 mm
ra max.	0.6 mm
Weight	0.081 Kg
Basic dynamic load rating (C)	22.1 kN
Basic static load rating (C0)	49.5 kN
(Grease) Lubrication Speed	4900 r/min
Category	Thrust Ball Bearing
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.08
EAN	0029176026423
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	339M Bore 1; 379M Bore 2; 529M Outside Diameter; 129M Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category - BDI	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.00
Non	Bearing
Keyword String	Ball Thrust
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	51107
Weight / LBS	0.17657
Bore 1	1.378 Inch 35 Millimeter
Bore 2	1.457 Inch 37 Millimeter
Outside Diameter	2.047 Inch 52 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Height	0.472 Inch 12 Millimeter
bore diameter:	35 mm
static load capacity:	5609 kg
outside diameter:	52 mm
dynamic load capacity:	2259 kg
overall width:	12 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	6000 RPM
outside diameter design:	Straight
cage material:	Steel
separable or banded:	Separable
fillet radius:	0.6 mm
face type:	Flat
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
SRI	3.4
NSK prefix	51107
LangID	1
D_	52
SREX	0.04
C	22.1
B_	12
CAD	http://service.web3cad.co.jp/pcom/Make-NSK_RB&info=nsk_rb/roller_bearings/thrust_bearings/single_direction/bb/with_flat_seat_asntab.prj&varset={ORIG=51107} {SD=35} {D=52} {T=12} {SR=0.6} {CAN=22100} {CAN=49500} {C0=2250} {C0=5609} {GR=4900} {D1=52} {D1=37} {SDA=45} {D0=42} {SR0=0.6} {MSS=0.081}
hidfile	ecat_N550TB
d11 rpm	6000
SRE	3.4
MSS	0.081
GRS rpm	4900
ra	0.6
SREX	0.04
D_a	42
SREN	0
C0	49.5
SREN	0
D_1	37
Prod_Type3	TB_SD_MFS
da	45
DA_	0.35
Z_	20

yp01	51107
SDM	43.5
r	0.6
T	12
KBRG	5111
calc01	/bearingGuide/html/calculation.jsp