

51116 NSK Manufacturer Item Number 51116 80x105x19mm Thrust ball bearings

Bearing number	51116
Size (mm)	80x105x19
Brand	NSK
Bore diameter (mm)	80
Outer diameter (mm)	105
Width (mm)	19
d	80 mm
D	105 mm
T	19 mm
d1	105 mm
r min.	1 mm
D1	82 mm
da min.	95 mm
da max.	98 mm
ra max.	1 mm
Weight	0.417 Kg
Basic dynamic load rating (C)	45 kN
Basic static load rating (C0)	141 kN
(Grease) Lubrication Speed	2200 r/min
Category	Thrust Ball Bearing
BDI	0.0
Inventory	
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.42
EAN	0029176602179
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	80MM Bore 1; 82MM Bore 2; 105MM Outside Diameter; 19MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category - BDI	Thrust Ball Bearings
NSIC	31171002
Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	51116
Weight / LBS	0.91933
Height	0.748 Inch 19 Millimeter
Outside Diameter	4.134 Inch 105 Millimeter
Bore 1	3.15 Inch 80 Millimeter
Bore 2	3.228 Inch 82 Millimeter
Overall Height with Aligning Holes	0 Inch 0 Millimeter
bore diameter:	80 mm
precision rating:	Not Rated
outside diameter:	105 mm
static load capacity:	14480 kg
overall width:	19 mm
dynamic load capacity:	4680 kg
thrust bearing type:	Single-Direction
maximum rpm:	3400 RPM
outside diameter design:	Straight
cage material:	Steel
separable or banded:	Separable
fillet radius:	1 mm
race type:	Flat
series:	511
SKF	511
NACHI	5116
LangID	1
D	105
SREX	0.04
C	45
R	19
CAO	http://service.web2cad.co.jp/pcan/7maker-NSK_BB&info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asmtab.prj&varset={ORIG=51116} (S0=00) (D=105) (T=19) (SR=1.0) (CAM=45000) (C9AN=141000) (CA=4600) (COA=14400) (GE=2200) (OIL=3400) (S01=105) (D1=82) (S04=05) (D0=90) (S9A=1.0) (M55=0.417)
hidtable	ecat_M50TB
OIL rpm	3400
SRE	0.2
maxc	0.417
EPS rpm	2200
ra	1
SREX	0.04
D_1	98
SREB	0
C0	141
SREN	0
D_1	82
Prod_Type3	TB_50_M5
da	95
DA	0.731
Z	30
y0d1	51116
SQM	02.5
r	1
T	19

ISSUE	5111
calc001	/BearingGuide/Html/calculation.jsp