



Bearing No. 51114

Size	70x95x18 mm
Bore Diameter	70 mm
Outer Diameter	95 mm
Width	18 mm
d	70 mm
D	95 mm
T	18 mm
d1	95 mm
r min.	1 mm
D1	72 mm
da min.	85 mm
Da max.	80 mm
ra max.	1 mm
Weight	0,346 Kg
Basic dynamic load rating (C)	43,5 kN
Basic static load rating (C0)	127 kN
(Grease) Lubrication Speed	2400 r/min
Category	Thrust Ball Bearing
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.361
EAN	0029176028984
Product Group - BDI	B00308
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	70MM Bore 1; 72MM Bore 2; 95MM Outside Diameter; 18MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category - BDI	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	51114
Weight / LBS	0.7628
Outside Diameter	3.74 Inch   95 Millimeter
Height	0.709 Inch   18 Millimeter
Bore 1	2.756 Inch   70 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 2	2.835 Inch   72 Millimeter
bore diameter:	70 mm
static load capacity:	28500 lbf

outside diameter:	95 mm
dynamic load capacity:	9750 lbf
overall width:	18 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	3600 rpm
outside diameter design:	Straight
cage material:	Steel Cage
separable or banded:	Separable
fillet radius:	1 mm
race type:	Flat
series:	51100
precision rating:	ABEC1, P0
ra	1
SRIX	0.04
SRI	4.7
hidYobi	51114
LangID	1
D_	95
SREX	0.04
C	43.5
B_	18
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_seet_asmtab.prj&amp;varset={ORDER=51114},{SD=70},{D=95},{T=18},{SR=1.0},{CAN=43500},{COAN=127000},{CA=4450},{COA=12900},{GRE=2400},{OIL=3600},{SD1=95},{D1=72},{SDA=8">http://service.web2cad.co.jp/pcom/?Maker=NSK_RB&amp;info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seet_asmtab.prj&amp;varset={ORDER=51114},{SD=70},{D=95},{T=18},{SR=1.0},{CAN=43500},{COAN=127000},{CA=4450},{COA=12900},{GRE=2400},{OIL=3600},{SD1=95},{D1=72},{SDA=8</a>

	5},{DA=80},{SRA=1.0},{ MASS=0.346}
hidTable	ecat_NSSDTB
Oil rpm	3600
SRE	4.7
mass	0.346
GRS rpm	2400
D_a	80
SRIN	0
C0	127
SREN	0
D_1	72
Prod_Type3	TB_SD_WFS
da	85
DA_	8.731
Z_	27
yobi	51114
SDM_	82.5
r	1
T_	18
KBRG	5111
calcUrl	/BearingGuide/html/calc ulation.jsp