

51118 NSK 90x120x22mm SREN 0

Thrust ball bearings

Bearing number	51118
Size (mm)	90x120x22
Brand	NSK
Bore Diameter (mm)	90
Outer Diameter (mm)	120
Width (mm)	22
d	90 mm
D	120 mm
T	22 mm
d1	120 mm
r min.	1 mm
d2	92 mm
da min.	108 mm
Da max.	102 mm
ra max.	1 mm
Height	0.646 Kg
Basic dynamic load rating (C)	60 kN
Basic static load rating (C0)	190 kN
(Grease) Lubrication Speed	1900 r/min
Category	Thrust Ball Bearing
BOI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.667
EAN	0020176026485
Product Group - BOI	888308
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 Racways
Other Features	Single Row With Flat Seat
Long Description	90MM Bore 1; 92MM Bore 2; 120MM Outside Diameter; 22MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category -- BOI	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	51118
Weight / LBS	1.42419
Bore 2	3.622 Inch 92 Millimeter
Bore 1	3.543 Inch 90 Millimeter
Height	0.866 Inch 22 Millimeter
Outside Diameter	4.724 Inch 120 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore diameter:	90 mm
static load capacity:	42500 lbf
outside diameter:	120 mm
dynamic load capacity:	13500 lbf
overall width:	22 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	3000 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
SKI	5.0
leftTab1	51118
LongID	1
D	120
SREX	0.05
C	60
B	22
CAD	 http://service.web2cad.co.jp/pcm/7baker-NSK_RBEInfo-nsk_rh/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asmtab.prj?varset={ORDER=51118} (SD=90) (D=120) (T=22) (SR=1.0) (CAB=60000) (COAB=100000) (CA=4150) (CDA=13400) (RE=1900) (OIL=3000) (SOI=120) (D1=92) (S0A=100) (D0=102) (SRA=1.0) (PMS5=0.646)
headFile	ecat_NS07B
Oil rpm	3000
SRE	5.0
ms02	0.646
SRS rpm	1900
ra	1
SREX	0.05
D_a	102
SREN	0
CD	190
SREN	0
D_i	92
Prod_Type3	TB_50_WFS
da	108
DA	10.319
Z	29
yobi	51118
S0M_	105
F	1
T	22
KBRG	5111
calcUrl	/BearingGuide/html/calculation.jsp