



**NSK 53209 thrust ball bearings**

Bearing No. 53209

Size	45x73x21.3 mm
Bore Diameter	45 mm
Outer Diameter	73 mm
Width	21,3 mm
d	45 mm
D	73 mm
T	21,3 mm
d1	73 mm
r min.	1 mm
A	26 mm
D1	47 mm
R	56 mm
da min.	62 mm
Da max.	56 mm
ra max.	1 mm
Weight	0,333 Kg
Basic dynamic load rating (C)	48 kN
Basic static load rating (C0)	105 kN
(Grease) Lubrication Speed	2600 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.39
EAN	0029176029554
Product Group	B00308

53209 Bearing 2D drawings and 3D CAD models



# Timken MANUFACTURING (THAILAND)CO.,LTD.

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 Aligning Seat
Long Description	45MM Bore 1; 47MM Bore 2; 73MM Outside Diameter; 21MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category	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	53209
Weight / LBS	0.73414
Height	0.827 Inch   21 Millimeter
Outside Diameter	2.874 Inch   73 Millimeter
Bore 2	1.85 Inch   47 Millimeter
Bore 1	1.772 Inch   45 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
bore diameter:	45 mm
static load capacity:	23600 lbf
outside diameter:	73 mm



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dynamic load capacity:	10800 lbf
overall width:	24 mm
operating temperature range:	Maximum of +120 ° C
thrust bearing type:	Single-Direction
maximum rpm:	4000 rpm
outside diameter design:	Straight
cage material:	Steel Cage
separable or banded:	Separable
fillet radius:	1 mm
race type:	Flat
series:	52300
precision rating:	ABEC1, P0
SRI	5.6
hidYobi	53209
LangID	1
D_	73
SREX	0.05
C	48
B_	21.3
hidTable	ecat_NSSDTB
Oil rpm	4000
SRE	5.6
mass	0.333
GRS rpm	2600
ra	1
SRIX	0.05
D_a	56
SRIN	0
C0	105
SREN	0
D_1	47
Prod_Type3	TB_SD_WAS



## Timken MANUFACTURING (THAILAND)CO.,LTD.

da	62
DA_	10.319
Z_	16
yobi	53209
A_	26
T3	21.3
SDM_	59
r	1
KBRG	5121
R_	56