

51109 NSK T_14 45x65x14mm Thrust ball bearings

Bearing number	51109
Size (mm)	45x65x14
Brand	NSK
Bore Diameter (mm)	45
Outer Diameter (mm)	65
Width (mm)	14
d	45 mm
D	65 mm
T	14 mm
d1	65 mm
r min.	0.6 mm
d1	47 mm
d2 min.	57 mm
D2 max.	53 mm
ra max.	0.6 mm
Weight	0.143 Kg
Basic dynamic load rating (C)	28.1 kN
Basic static load rating (C0)	69 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	0.14
EAN	6029176028953
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	4599 Bore 1; 4799 Bore 2; 6599 Outside Diameter; 1499 Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category - BDI	Thrust Ball Bearings
UNSPSC	31171052
Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	51109
Weight / LBS	0.31526
Bore 2	1.85 Inch 47 Millimeter
Height	0.551 Inch 14 Millimeter
Bore 1	1.772 Inch 45 Millimeter
Outside Diameter	2.559 Inch 65 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore diameter:	45 mm
static load capacity:	7850 kg
outside diameter:	65 mm
dynamic load capacity:	2860 kg
overall width:	14 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	5800 RPM
outside diameter design:	Straight
cage material:	Steel
separable or banded:	Separable
fillet radius:	0.6 mm
race type:	Flat
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
SMT	3.9
hidYob1	51109
LangID	1
D_	65
SHEX	0.94
C	28.1
B_	14
CAD	http://service.web2cad.co.jp/pcom/Make-NSK_RB&info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asstab.prj&varset=(ORDER=51109).(SD=45).(D=65).(T=14).(SR=0.6).(CAN=28100).(COAN=69000).(Ca=2860).(COA=7850).(GRE=3400).(OIL=5000).(SD1=65).(D1=47).(SDA=57).(DA=65).(SRA=0.6).(MASS=0.143)
hidTable	ecat_NSS07B
G11 rpm	5800
SRC	3.9
mass	0.143
GRS rpm	3400
ra	0.6
SREX	0.94
D_0	65
SREN	0
C0	69
SREN	0
D_1	47
Prod_Type43	TB_50_MFS
d0	27
DA_	7.144
Z_	22
yob1	51109
SAM_	55
r	0.6
T_	14
KBRG	5111
calc01	/BearingGuide/html/calculation.jsp