

# 51102 NSK 15x28x9mm DA\_ 4.762 Thrust ball bearings

Bearing number	51102
Size (mm)	15x28x9
Brand	NSK
Bore Diameter (mm)	15
Outer Diameter (mm)	28
Width (mm)	9
d	15 mm
D	28 mm
T	9 mm
d1	28 mm
r min.	0.3 mm
d1	16 mm
d2 min.	23 mm
Da max.	28 mm
ra max.	0.3 mm
Weight	0.023 Kg
Basic dynamic load rating (C)	10.6 kN
Basic static load rating (C0)	16.8 kN
(Grease) Lubrication Speed	6300 r/min
Category	Thrust Ball Bearing
BDI	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.02
EAN	9029176028379
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	15MM Bore 1; 10MM Bore 2; 20MM Outside Diameter; 9MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Long Description	15MM Bore 1; 10MM Bore 2; 20MM Outside Diameter; 9MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Inch - Metric	Metric
Category - BDI	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword	Ball Thrust
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	51102
Weight / LBS	0.05071
Bore 1	0.591 Inch   15 Millimeter
Outside Diameter	1.102 Inch   28 Millimeter
Bore 2	0.63 Inch   16 Millimeter
Height	0.354 Inch   9 Millimeter
Overall Height with Skipping Washer	0 Inch   0 Millimeter
bore diameter:	15 mm
static load capacity:	1710 kg
outside diameter:	28 mm
dynamic load capacity:	1080 kg
overall width:	9 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	9500 RPM
outside diameter design:	Straight
cage material:	Steel
separable or banded:	Separable
fillet radius:	0.3 mm
race type:	Flat
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
SKF	2.6
NACHI	51102
LangID	1
D_	28
SREX	0.03
C	10.6
g_	9
CAD	<a href="http://service.web2cad.co.jp/pcm/Maker-NSK_RB&amp;info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asmtab.prj?varset={ORDER=51102; (SD=15); (D=28); (T=9); (SR=0.3); (CAN=10000); (COM=10000); (CA=1000); (COA=1710); (GR=0300); (OIL=9500); (SD1=28); (D1=16); (SDA=23); (DA=20); (SRA=0.3); (PMS5=0.823)" }"="">http://service.web2cad.co.jp/pcm/Maker-NSK_RB&amp;info=nsk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asmtab.prj?varset={ORDER=51102; (SD=15); (D=28); (T=9); (SR=0.3); (CAN=10000); (COM=10000); (CA=1000); (COA=1710); (GR=0300); (OIL=9500); (SD1=28); (D1=16); (SDA=23); (DA=20); (SRA=0.3); (PMS5=0.823)"}&gt;</a>
hidtable	ecat_NS0TB
oil rpm	9500
SRE	2.6
max	0.023
GRS rpm	6300
ra	0.3
SREX	0.03
D_a	28
SREB	0
CB	16.8
SREN	0
D_1	16
Prod_Type3	TB_SD_WFS
da	23
DA	4.762
Z_	12
yobi	51102
SOM_	21.5
F	0.3
T_	9
NRG	5111
calcUrl	/BearingGuide/html/calculation.jsp