

# 51112 NSK 60x85x17mm SDM\_72.5 Thrust ball bearings

Bearing number	51112
Size (mm)	60x85x17
Brand	NSK
Bore Diameter (mm)	60
Outer Diameter (mm)	85
Width (mm)	17
d	60 mm
D	85 mm
T	17 mm
d1	85 mm
r min.	1 mm
D1	62 mm
da min.	75 mm
Da max.	70 mm
ra max.	1 mm
Weight	0.281 Kg
Basic dynamic load rating (C)	41.5 kN
Basic static load rating (CB)	113 kN
(Grease) Lubrication Speed	2600 r/min
Category	Thrust Ball Bearing
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.29
SKN	0029176028977
Product Group - BDI	000308
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	60MM Bore 1; 62MM Bore 2; 85MM Outside Diameter; 17MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; Non-Precision
Unit - Metric	Metric
Category - BDI	Thrust Ball Bearings
HSN	31171552
Harmonized Tariff Code	8482.10.30.00
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	51112
Weight / LBS	0.6195
Height	0.669 Inch   17 Millimeter
Bore 2	2.442 Inch   62 Millimeter
Bore 1	2.362 Inch   60 Millimeter
Outside Diameter	3.346 Inch   85 Millimeter
Overall Height with Aligning Mount	0 Inch   0 Millimeter
bore diameter:	60 mm
static load capacity:	25380 lbf
outside diameter:	85 mm
dynamic load capacity:	9480 lbf
overall width:	17 mm
operating temperature range:	Maximum of +120 °C
thrust bearing type:	Single-Direction
maximum rpm:	4800 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
SRI	4.7
NSD700s	51112
LangID	1
D	85
SREX	0.84
C	41.5
E	17
CAD	<a href="http://service.web2cad.co.jp/pcm/Make-NSK_RBInfo-mk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asemb.prj?srsltid=OR6EK-11121_5Dn-60_0-05_-T-17_(SR-1.0)_[CAN-113000]_[CAN-113000]_[CA-4250]_[CA-11500]_[GRE-2600]_[DIL-4000]_[SD1-05]_[D1-02]_[SD0-75]_[D0-70]_[SRA-1.0]_[PM55-0_281]">http://service.web2cad.co.jp/pcm/Make-NSK_RBInfo-mk_rb/roller_bearings/thrust_bearings/single_direction_tbb/with_flat_seat_asemb.prj?srsltid=OR6EK-11121_5Dn-60_0-05_-T-17_(SR-1.0)_[CAN-113000]_[CAN-113000]_[CA-4250]_[CA-11500]_[GRE-2600]_[DIL-4000]_[SD1-05]_[D1-02]_[SD0-75]_[D0-70]_[SRA-1.0]_[PM55-0_281]</a>
NSD700s	ecat NSD70s
d1l rpm	4800
SRE	4.7
mass	0.281
OSI rpm	2600
ra	1
SREX	0.84
D_a	70
SREN	0
CB	113
SREN	0
D_1	62
Prod_Type3	TB_SD_MFS
da	75
da_	0.721
Z_	24
y0s1	51112
SDM_	72.5
r	1
T_	17
XBRG	5111
caldir1	/BearingGuide/html/calculation.jsp