



NSK Thrust Bearing 51205

Bearing No. 51205

Size	25x47x15 mm
Bore Diameter	25 mm
Outer Diameter	47 mm
Width	15 mm
d	25 mm
D	47 mm
T	15 mm
d1	47 mm
r min.	0,6 mm
D1	27 mm
da min.	38 mm
Da max.	34 mm
ra max.	0,6 mm
Weight	0,111 Kg
Basic dynamic load rating (C)	28 kN
Basic static load rating (C0)	50,5 kN
(Grease) Lubrication Speed	3800 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.12
EAN	0029176026522
Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes

51205 Bearing 2D drawings and 3D CAD models



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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	25MM Bore 1; 27MM Bore 2; 47MM Outside Diameter; 15MM 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	http://www.nskamericas.com
Manufacturer Item Number	51205
Weight / LBS	0.24471
Height	0.591 Inch 15 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 1	0.984 Inch 25 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
Bore 2	1.063 Inch 27 Millimeter
bore diameter:	25 mm
static load capacity:	5150 kg
outside diameter:	47 mm
dynamic load capacity:	2860 kg
overall width:	15 mm



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operating temperature range:	Maximum of +120 ° C
thrust bearing type:	Single-Direction
maximum rpm:	5600 RPM
outside diameter design:	Straight
cage material:	Steel
separable or banded:	Separable
fillet radius:	0.6 mm
race type:	Flat
series:	512
precision rating:	ABEC 1 (ISO Class Normal)
SRI	4.3
hidYobi	51205
LangID	1
D_	47
SREX	0.04
C	28
B_	15
hidTable	ecat_NSSDTB
Oil rpm	5600
SRE	4.3
mass	0.111
GRS rpm	3800
ra	0.6
SRIX	0.04
D_a	34
SRIN	0
C0	50.5
SREN	0
D_1	27
Prod_Type3	TB_SD_WFS
da	38



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DA_	7.938
Z_	13
yobi	51205
SDM_	36
r	0.6
T_	15
KBRG	5111