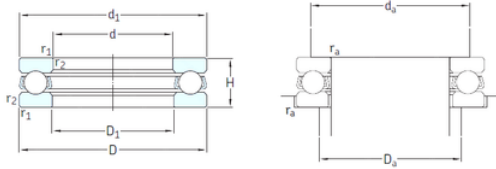




NTN Machinery Manufacturing Co., Ltd

SKF 51409 thrust ball bearings



Bearing No. 51409

51409 Bearing 2D drawings and 3D CAD models

Size	45x100x39 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	39 mm
d	45 mm
D	100 mm
H	39 mm
d1	100 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
D1	47 mm
da min.	78 mm
Da max.	67 mm
ra max.	1 mm
Weight	1,4 Kg
Basic dynamic load rating (C)	124 kN
Basic static load rating (C0)	240 kN
Fatigue load limit (Pu)	9
Reference speed	2200 r/min
Limiting speed	3000 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.433
EAN	7316576678035



NTN Machinery Manufacturing Co., Ltd

Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row
Long Description	45MM Bore 1; 47MM Bore 2; 100MM Outside Diameter; 39MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	51409
Weight / LBS	3.157
Height	1.535 Inch 39 Millimeter
Bore 2	1.85 Inch 47 Millimeter
Bore 1	1.772 Inch 45 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
bore diameter:	45 mm
static load capacity:	240 kN



NTN Machinery Manufacturing Co., Ltd

outside diameter:	100 mm
dynamic load capacity:	124 kN
overall width:	39 mm
maximum rpm:	3000 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	514
precision rating:	ABEC 1 (ISO Class Normal)
d_1	100 mm
D_1	47 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	78 mm
D_a max.	67 mm
r_a max.	1 mm
Basic dynamic load rating C	124 kN
Basic static load rating C_0	240 kN
Fatigue load limit P_u	9 kN
Minimum load factor A	0.37
Mass bearing (including seat washer where applicable)	1.4 kg