



Bearing No. 51409

D	100 mm
d	45 mm
H	39 mm
d1	100 mm
D1	47 mm
Noun	Bearing
Height	1.535 Inch 39 Millimeter
Bore 2	1.85 Inch 47 Millimeter
Bore 1	1.772 Inch 45 Millimeter
UNSPSC	31171507
Banded	No
Weight	1,4 Kg
ra max.	1 mm
da min.	78 mm
Da max.	67 mm
r2 min.	1,1 mm
r1 min.	1,1 mm
series:	514
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	45x100x39
Width (mm)	39
Weight / LBS	3.157
maximum rpm:	3000 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust
bore diameter:	45 mm

overall width:	39 mm
Other Features	Single Row
fillet radius:	1 mm
cage material:	Steel
Bearing number	51409
Thrust Bearing	Yes
Limiting speed	3000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	2200 r/min
Outside Diameter	3.937 Inch 100 Millimeter
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
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
outside diameter:	100 mm
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	1.433
D _a max.	67 mm
Bore Diameter (mm)	45
r _a max.	1 mm
d _a min.	78 mm
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
r _{1,2} min.	1.1 mm
separable or banded:	Separable
thrust bearing type:	Single-Direction
D ₁ ?	47 mm

Minimum load factor A	0.37
static load capacity:	240 kN
d ₁ ?	100 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	124 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (Pu)	9
outside diameter design:	Straight
Manufacturer Item Number	51409
Single or Double Direction	Single Direction
Basic dynamic load rating C	124 kN
Basic dynamic load rating (C)	124 kN
Basic static load rating (C0)	240 kN
Fatigue load limit P _u	9 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C ₀	240 kN
Mass bearing (including seat washer where applicable)	1.4 kg