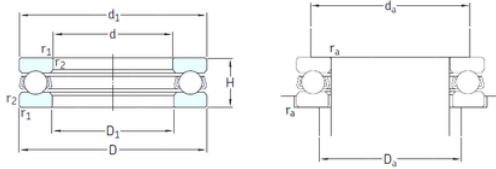




# BEARING FORGE OF AMERICA CORP.



## skf 51109 bearing

Bearing No. 51109

51109 Bearing 2D drawings and 3D CAD models

Size	45x65x14 mm
Bore Diameter	45 mm
Outer Diameter	65 mm
Width	14 mm
d	45 mm
D	65 mm
H	14 mm
d1	65 mm
r1 min.	0,6 mm
r2 min.	0,6 mm
D1	47 mm
da min.	57 mm
Da max.	53 mm
ra max.	0,6 mm
Weight	0,14 Kg
Basic dynamic load rating (C)	26,5 kN
Basic static load rating (C0)	69,5 kN
Fatigue load limit (Pu)	2,55
Reference speed	4500 r/min
Limiting speed	6300 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.154
Product Group	B00308



## BEARING FORGE OF AMERICA CORP.

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; 65MM Outside Diameter; 14MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	51109
Weight / LBS	0.339
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Outside Diameter	2.559 Inch   65 Millimeter
Height	0.551 Inch   14 Millimeter
Bore 2	1.85 Inch   47 Millimeter
Bore 1	1.772 Inch   45 Millimeter
bore diameter:	45 mm
static load capacity:	69.5 kN
outside diameter:	65 mm
dynamic load capacity:	26.5 kN



## BEARING FORGE OF AMERICA CORP.

overall width:	14 mm
maximum rpm:	6300 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	0.6 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
$d_1$	65 mm
$D_1$	47 mm
$r_{1,2}$ min.	0.6 mm
$d_a$ min.	57 mm
$D_a$ max.	53 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	26.5 kN
Basic static load rating $C_0$	69.5 kN
Fatigue load limit $P_u$	2.55 kN
Minimum load factor A	0.025
Mass bearing (including seat washer where applicable)	0.14 kg