



# BEARING FORGE OF AMERICA CORP.



## skf 51100 bearing

Bearing No. 51100

51100 Bearing 2D drawings and 3D CAD models

Size	10x24x9 mm
Bore Diameter	10 mm
Outer Diameter	24 mm
Width	9 mm
d	10 mm
D	24 mm
H	9 mm
d1	24 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	11 mm
da min.	19 mm
Da max.	15 mm
ra max.	0,3 mm
Weight	0,02 Kg
Basic dynamic load rating (C)	9,95 kN
Basic static load rating (C0)	15,3 kN
Fatigue load limit (Pu)	0,56
Reference speed	9500 r/min
Limiting speed	13000 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.024
EAN	7316577006493



## BEARING FORGE OF AMERICA CORP.

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	10MM Bore 1; 11MM Bore 2; 24MM Outside Diameter; 9MM 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	51100
Weight / LBS	0.052
Outside Diameter	0.945 Inch   24 Millimeter
Bore 1	0.394 Inch   10 Millimeter
Bore 2	0.433 Inch   11 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Height	0.354 Inch   9 Millimeter
bore diameter:	10 mm
static load capacity:	15.3 kN
outside diameter:	24 mm



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dynamic load capacity:	9.95 kN
overall width:	9 mm
maximum rpm:	13000 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	0.3 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
$d_1$	24 mm
$D_1$	11 mm
$r_{1,2}$ min.	0.3 mm
$d_a$ min.	19 mm
$D_a$ max.	15 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	8.71 kN
Basic static load rating $C_0$	12.2 kN
Fatigue load limit $P_u$	0.45 kN
Minimum load factor A	0.0012
Mass bearing (including seat washer where applicable)	0.02 kg