

# 51100 SKF 10x24x9mm EAN 7316577006493 Thrust ball bearings

Bearing number	51100
Size (mm)	10x24x9
Brand	SKF
Bore Diameter (mm)	10
Outer Diameter (mm)	24
Width (mm)	9
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
BDI Inventory	0.0

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.024
EAN	7316577006493
Product Group – BDI	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 – BDI	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
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)
$d_1 \approx$	24 mm
$D_1 \approx$	11 mm
$r_{1,2} \text{ min.}$	0.3 mm
$d_a \text{ min.}$	19 mm
$D_a \text{ max.}$	15 mm
$r_a \text{ max.}$	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