

51109 SKF 45x65x14mm Noun Bearing Thrust ball bearings

Bearing number	51109
Size (mm)	45x65x14
Brand	SKF
Bore Diameter (mm)	45
Outer Diameter (mm)	65
Width (mm)	14
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
BDI Inventory	0.0
Manufacturer Name	SKF

Minimum Buy Quantity	N/A
Weight / Kilogram	0.154
EAN	7316576677359
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	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 – BDI	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	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
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)
$d_1 \approx$	65 mm
$D_1 \approx$	47 mm
$r_{1,2} \text{ min.}$	0.6 mm
$d_a \text{ min.}$	57 mm
$D_a \text{ max.}$	53 mm
$r_a \text{ max.}$	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