

# 51107 SKF 35x52x12mm ra max. 0.6 mm Thrust ball bearings

Bearing number	51107
Size (mm)	35x52x12
Brand	SKF
Bore Diameter (mm)	35
Outer Diameter (mm)	52
Width (mm)	12
d	35 mm
D	52 mm
H	12 mm
d1	52 mm
r1 min.	0.6 mm
r2 min.	0.6 mm
D1	37 mm
da min.	45 mm
Da max.	42 mm
ra max.	0.6 mm
Weight	0.08 Kg
Basic dynamic load rating (C)	19.9 kN
Basic static load rating (C0)	51 kN
Fatigue load limit (Pu)	1.86
Reference speed	5600 r/min
Limiting speed	7500 r/min
Category	Thrust Ball Bearing
BDI Inventory	0.0
Manufacturer Name	SKF

Minimum Buy Quantity	N/A
Weight / Kilogram	0.09
EAN	7316577058621
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	35MM Bore 1; 37MM Bore 2; 52MM Outside Diameter; 12MM 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	51107
Weight / LBS	0.198
Bore 2	1.457 Inch   37 Millimeter
Outside Diameter	2.047 Inch   52 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter

Bore 1	1.378 Inch   35 Millimeter
Height	0.472 Inch   12 Millimeter
bore diameter:	35 mm
static load capacity:	51 kN
outside diameter:	52 mm
dynamic load capacity:	19.9 kN
overall width:	12 mm
maximum rpm:	7500 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)
$d_1 \approx$	52 mm
$D_1 \approx$	37 mm
$r_{1,2} \text{ min.}$	0.6 mm
$d_a \text{ min.}$	45 mm
$D_a \text{ max.}$	42 mm
$r_a \text{ max.}$	0.6 mm
Basic dynamic load rating C	19.9 kN
Basic static load rating $C_0$	51 kN
Fatigue load limit $P_u$	1.86 kN
Minimum load factor A	0.013
Mass bearing (including seat washer where applicable)	0.08 kg