



BEARING FORGE OF AMERICA CORP.



skf 51107 bearing

Bearing No. 51107

Size	35x52x12 mm
Bore Diameter	35 mm
Outer Diameter	52 mm
Width	12 mm
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
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.09
Product Group	B00308

51107 Bearing 2D drawings and 3D CAD models



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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	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	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



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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	52 mm
D_1	37 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	45 mm
D_a max.	42 mm
r_a 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