



PCIF BEARING LIMITED



skf 51107 bearing

Bearing No. 51107

51107 Bearing 2D drawings and 3D CAD models

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
EAN	7316577058621



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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	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



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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	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