



Bearing No. 51107

D	52 mm
d	35 mm
H	12 mm
d1	52 mm
D1	37 mm
Noun	Bearing
Bore 2	1.457 Inch 37 Millimeter
Bore 1	1.378 Inch 35 Millimeter
Height	0.472 Inch 12 Millimeter
UNSPSC	31171507
Banded	No
Weight	0,08 Kg
ra max.	0,6 mm
da min.	45 mm
Da max.	42 mm
r2 min.	0,6 mm
r1 min.	0,6 mm
series:	511
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	35x52x12
Width (mm)	12
Weight / LBS	0.198
maximum rpm:	7500 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust

bore diameter:	35 mm
overall width:	12 mm
Other Features	Single Row
fillet radius:	0.6 mm
cage material:	Steel
Bearing number	51107
Limiting speed	7500 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	5600 r/min
Outside Diameter	2.047 Inch 52 Millimeter
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
Manufacturer URL	http://www.skf.com
outside diameter:	52 mm
Manufacturer Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	0.09
Bore Diameter (mm)	35
r _a max.	0.6 mm
D _a max.	42 mm
d _a min.	45 mm
Outer Diameter (mm)	52
Minimum Buy Quantity	N/A
r _{1,2} min.	0.6 mm
separable or banded:	Separable
thrust bearing type:	Single-Direction

D ₁ ?	37 mm
Minimum load factor A	0.013
static load capacity:	51 kN
d ₁ ?	52 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	19.9 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (Pu)	1,86
outside diameter design:	Straight
Manufacturer Item Number	51107
Single or Double Direction	Single Direction
Basic dynamic load rating C	19.9 kN
Basic dynamic load rating (C)	19,9 kN
Basic static load rating (C ₀)	51 kN
Fatigue load limit P _u	1.86 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C ₀	51 kN
Mass bearing (including seat washer where applicable)	0.08 kg