



SKF 51117 thrust ball bearings

Bearing No. 51117

51117 Bearing 2D drawings and 3D CAD models

Size	85x110x19 mm
Bore Diameter	85 mm
Outer Diameter	110 mm
Width	19 mm
d	85 mm
D	110 mm
H	19 mm
d1	110 mm
r1 min.	1 mm
r2 min.	1 mm
D1	87 mm
da min.	100 mm
Da max.	95 mm
ra max.	1 mm
Weight	0,44 Kg
Basic dynamic load rating (C)	44,9 kN
Basic static load rating (C0)	146 kN
Fatigue load limit (Pu)	5,4
Reference speed	3000 r/min
Limiting speed	4300 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.45
Product Group	B00308



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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	85MM Bore 1; 87MM Bore 2; 110MM Outside Diameter; 19MM 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	51117
Weight / LBS	0.992
Bore 1	3.346 Inch 85 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 2	3.425 Inch 87 Millimeter
Height	0.748 Inch 19 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
bore diameter:	85 mm
static load capacity:	146 kN
outside diameter:	110 mm



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dynamic load capacity:	44.9 kN
overall width:	19 mm
maximum rpm:	4300 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	511
precision rating:	Not Rated
d_1	110 mm
D_1	87 mm
$r_{1,2}$ min.	1 mm
d_a min.	100 mm
D_a max.	95 mm
r_a max.	1 mm
Basic dynamic load rating C	44.9 kN
Basic static load rating C_0	146 kN
Fatigue load limit P_u	5.4 kN
Minimum load factor A	0.14
Mass bearing (including seat washer where applicable)	0.44 kg