



PCIF BEARING LIMITED



skf 51205 bearing

Bearing No. 51205

Size	25x47x15 mm
Bore Diameter	25 mm
Outer Diameter	47 mm
Width	15 mm
d	25 mm
D	47 mm
H	15 mm
d1	47 mm
r1 min.	0,6 mm
r2 min.	0,6 mm
D1	27 mm
da min.	38 mm
Da max.	34 mm
ra max.	0,6 mm
Weight	0,11 Kg
Basic dynamic load rating (C)	26,5 kN
Basic static load rating (C0)	50 kN
Fatigue load limit (Pu)	1,86
Reference speed	5300 r/min
Limiting speed	7500 r/min
Category	Thrust Ball Bearing
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.117
EAN	7316577058522

51205 Bearing 2D drawings and 3D CAD models



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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	25MM Bore 1; 27MM Bore 2; 47MM Outside Diameter; 15MM 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	51205
Weight / LBS	0.257
Bore 2	1.063 Inch 27 Millimeter
Height	0.591 Inch 15 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 1	0.984 Inch 25 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
bore diameter:	25 mm
static load capacity:	50 kN
outside diameter:	47 mm



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dynamic load capacity:	26.5 kN
overall width:	15 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:	512
precision rating:	ABEC 1 (ISO Class Normal)
d_1	47 mm
D_1	27 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	38 mm
D_a max.	34 mm
r_a max.	0.6 mm
Basic dynamic load rating C	26.5 kN
Basic static load rating C_0	50 kN
Fatigue load limit P_u	1.86 kN
Minimum load factor A	0.015
Mass bearing (including seat washer where applicable)	0.11 kg