



# PCIF BEARING LIMITED



## skf 51207 bearing

Bearing No. 51207

Size	35x62x18 mm
Bore Diameter	35 mm
Outer Diameter	62 mm
Width	18 mm
d	35 mm
D	62 mm
H	18 mm
d1	62 mm
r1 min.	1 mm
r2 min.	1 mm
D1	37 mm
da min.	51 mm
Da max.	46 mm
ra max.	1 mm
Weight	0,22 Kg
Basic dynamic load rating (C)	35,1 kN
Basic static load rating (C0)	73,5 kN
Fatigue load limit (Pu)	2,7
Reference speed	4000 r/min
Limiting speed	5600 r/min
Category	Thrust Ball Bearing
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.217
EAN	7316577058508

51207 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	35MM Bore 1; 37MM Bore 2; 62MM Outside Diameter; 18MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	51207
Weight / LBS	0.478
Height	0.709 Inch   18 Millimeter
Outside Diameter	2.441 Inch   62 Millimeter
Bore 2	1.457 Inch   37 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	1.378 Inch   35 Millimeter
bore diameter:	35 mm
static load capacity:	73.5 kN
outside diameter:	62 mm



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dynamic load capacity:	35.1 kN
overall width:	18 mm
maximum rpm:	5600 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	512
precision rating:	ABEC 1 (ISO Class Normal)
$d_1$	62 mm
$D_1$	37 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	51 mm
$D_a$ max.	46 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	35.1 kN
Basic static load rating $C_0$	73.5 kN
Fatigue load limit $P_u$	2.7 kN
Minimum load factor A	0.028
Mass bearing (including seat washer where applicable)	0.22 kg