



## skf 51214 bearing

Bearing No. 51214

Size	70x105x27 mm
Bore Diameter	70 mm
Outer Diameter	105 mm
Width	27 mm
d	70 mm
D	105 mm
H	27 mm
d1	105 mm
r1 min.	1 mm
r2 min.	1 mm
D1	72 mm
da min.	91 mm
Da max.	84 mm
ra max.	1 mm
Weight	0,79 Kg
Basic dynamic load rating (C)	62,4 kN
Basic static load rating (C0)	160 kN
Fatigue load limit (Pu)	5,85
Reference speed	2600 r/min
Limiting speed	3600 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.791
EAN	7316577006783

51214 Bearing 2D drawings and 3D CAD models



## PRECISION BEARING CORP.

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	70MM Bore 1; 72MM Bore 2; 105MM Outside Diameter; 27MM 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	51214
Weight / LBS	1.742
Height	1.063 Inch   27 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	2.756 Inch   70 Millimeter
Outside Diameter	4.134 Inch   105 Millimeter
Bore 2	2.835 Inch   72 Millimeter
bore diameter:	70 mm
static load capacity:	160 kN



## PRECISION BEARING CORP.

outside diameter:	105 mm
dynamic load capacity:	62.4 kN
overall width:	27 mm
maximum rpm:	3600 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)
$d_1$	105 mm
$D_1$	72 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	91 mm
$D_a$ max.	84 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	62.4 kN
Basic static load rating $C_0$	160 kN
Fatigue load limit $P_u$	5.85 kN
Minimum load factor A	0.16
Mass bearing (including seat washer where applicable)	0.79 kg