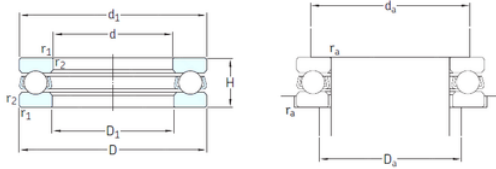




BEARING FORGE OF AMERICA CORP.



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



BEARING FORGE OF AMERICA 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	http://www.skf.com
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



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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