



Bearing No. 51214

D	105 mm
d	70 mm
H	27 mm
d1	105 mm
D1	72 mm
Noun	Bearing
Height	1.063 Inch 27 Millimeter
Bore 1	2.756 Inch 70 Millimeter
Bore 2	2.835 Inch 72 Millimeter
UNSPSC	31171507
Banded	No
Weight	0,79 Kg
ra max.	1 mm
da min.	91 mm
Da max.	84 mm
r2 min.	1 mm
r1 min.	1 mm
series:	512
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	70x105x27
Width (mm)	27
Weight / LBS	1.742
maximum rpm:	3600 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust

bore diameter:	70 mm
overall width:	27 mm
Other Features	Single Row
fillet radius:	1 mm
cage material:	Steel
Bearing number	51214
Limiting speed	3600 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	2600 r/min
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
Manufacturer URL	http://www.skf.com
Outside Diameter	4.134 Inch 105 Millimeter
Manufacturer Name	SKF
outside diameter:	105 mm
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	0.791
D _a max.	84 mm
Bore Diameter (mm)	70
r _a max.	1 mm
d _a min.	91 mm
Outer Diameter (mm)	105
r _{1,2} min.	1 mm
separable or banded:	Separable
Minimum Buy Quantity	N/A
thrust bearing type:	Single-Direction

D ₁ ?	72 mm
Minimum load factor A	0.16
static load capacity:	160 kN
d ₁ ?	105 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	62.4 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (Pu)	5,85
outside diameter design:	Straight
Manufacturer Item Number	51214
Single or Double Direction	Single Direction
Basic dynamic load rating C	62.4 kN
Basic dynamic load rating (C)	62,4 kN
Basic static load rating (C ₀)	160 kN
Fatigue load limit P _u	5.85 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C ₀	160 kN
Mass bearing (including seat washer where applicable)	0.79 kg