



Bearing No. 51314

D	125 mm
d	70 mm
H	40 mm
d1	125 mm
D1	72 mm
Noun	Bearing
Bore 1	2.756 Inch 70 Millimeter
Height	1.575 Inch 40 Millimeter
Bore 2	2.835 Inch 72 Millimeter
UNSPSC	31171507
Banded	No
Weight	2 Kg
ra max.	1 mm
da min.	103 mm
Da max.	92 mm
r2 min.	1,1 mm
r1 min.	1,1 mm
series:	513
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	70x125x40
Width (mm)	40
Weight / LBS	4.377
maximum rpm:	2600 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust

bore diameter:	70 mm
overall width:	40 mm
Other Features	Single Row
fillet radius:	1 mm
cage material:	Steel
Bearing number	51314
Thrust Bearing	Yes
Limiting speed	2600 r/min
Reference speed	1900 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Long Description	70MM Bore 1; 72MM Bore 2; 125MM Outside Diameter; 40MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Outside Diameter	4.921 Inch 125 Millimeter
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	1.987
outside diameter:	125 mm
Manufacturer Name	SKF
Bore Diameter (mm)	70
d _a min.	103 mm
D _a max.	92 mm
r _a max.	1 mm
Outer Diameter (mm)	125
Minimum Buy Quantity	N/A
thrust bearing type:	Single-Direction
r _{1,2} min.	1.1 mm
separable or banded:	Separable

d ₁ ?	125 mm
static load capacity:	320 kN
D ₁ ?	72 mm
Minimum load factor A	0.53
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	135 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (Pu)	11,8
outside diameter design:	Straight
Manufacturer Item Number	51314
Single or Double Direction	Single Direction
Basic dynamic load rating C	135 kN
Basic dynamic load rating (C)	135 kN
Basic static load rating (C ₀)	320 kN
Fatigue load limit P _u	11.8 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C ₀	320 kN
Mass bearing (including seat washer where applicable)	2 kg