



Bearing No. 51120

D	135 mm
d	100 mm
H	25 mm
d1	135 mm
D1	102 mm
Noun	Bearing
Height	0.984 Inch 25 Millimeter
Bore 1	3.937 Inch 100 Millimeter
Bore 2	4.016 Inch 102 Millimeter
UNSPSC	31171507
Banded	No
Weight	0,97 Kg
ra max.	1 mm
da min.	121 mm
Da max.	114 mm
r2 min.	1 mm
r1 min.	1 mm
series:	511
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	100x135x25
Width (mm)	25
Weight / LBS	2.2
maximum rpm:	3200 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust

bore diameter:	100 mm
overall width:	25 mm
Other Features	Single Row
fillet radius:	1 mm
cage material:	Steel
Bearing number	51120
Limiting speed	3200 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	2400 r/min
Outside Diameter	5.315 Inch 135 Millimeter
Long Description	100MM Bore 1; 102MM Bore 2; 135MM Outside Diameter; 25MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Manufacturer URL	http://www.skf.com
outside diameter:	135 mm
Manufacturer Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	0.999
Bore Diameter (mm)	100
r _a max.	1 mm
D _a max.	114 mm
d _a min.	121 mm
Outer Diameter (mm)	135
Minimum Buy Quantity	N/A
r _{1,2} min.	1 mm
separable or banded:	Separable
thrust bearing type:	Single-Direction

D ₁ ?	102 mm
Minimum load factor A	0.44
static load capacity:	265 kN
d ₁ ?	135 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	80.6 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (Pu)	9,15
outside diameter design:	Straight
Manufacturer Item Number	51120
Single or Double Direction	Single Direction
Basic dynamic load rating C	80.6 kN
Basic dynamic load rating (C)	80,6 kN
Basic static load rating (C ₀)	265 kN
Fatigue load limit P _u	9.15 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C ₀	265 kN
Mass bearing (including seat washer where applicable)	0.97 kg