



NTNY BEARING LTD

skf 51120 bearing



Bearing No. 51120

51120 Bearing 2D drawings and 3D CAD models

Size	100x135x25 mm
Bore Diameter	100 mm
Outer Diameter	135 mm
Width	25 mm
d	100 mm
D	135 mm
H	25 mm
d1	135 mm
r1 min.	1 mm
r2 min.	1 mm
D1	102 mm
da min.	121 mm
Da max.	114 mm
ra max.	1 mm
Weight	0,97 Kg
Basic dynamic load rating (C)	80,6 kN
Basic static load rating (C0)	265 kN
Fatigue load limit (Pu)	9,15
Reference speed	2400 r/min
Limiting speed	3200 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.999
EAN	7316577006554



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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	100MM Bore 1; 102MM Bore 2; 135MM Outside Diameter; 25MM 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	51120
Weight / LBS	2.2
Outside Diameter	5.315 Inch 135 Millimeter
Height	0.984 Inch 25 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 1	3.937 Inch 100 Millimeter
Bore 2	4.016 Inch 102 Millimeter
bore diameter:	100 mm
static load capacity:	265 kN



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outside diameter:	135 mm
dynamic load capacity:	80.6 kN
overall width:	25 mm
maximum rpm:	3200 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
d_1	135 mm
D_1	102 mm
$r_{1,2}$ min.	1 mm
d_a min.	121 mm
D_a max.	114 mm
r_a max.	1 mm
Basic dynamic load rating C	80.6 kN
Basic static load rating C_0	265 kN
Fatigue load limit P_u	9.15 kN
Minimum load factor A	0.44
Mass bearing (including seat washer where applicable)	0.97 kg