

51120 SKF EAN 7316577006554

100x135x25mm Thrust ball bearings

Bearing number	51120
Size (mm)	100x135x25
Brand	SKF
Bore Diameter (mm)	100
Outer Diameter (mm)	135
Width (mm)	25
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
BDI Inventory	0.0

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.999
EAN	7316577006554
Product Group – BDI	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 – BDI	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
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)
$d_1 \approx$	135 mm
$D_1 \approx$	102 mm
$r_{1,2} \text{ min.}$	1 mm
$d_a \text{ min.}$	121 mm
$D_a \text{ max.}$	114 mm
$r_a \text{ max.}$	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
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