



Bearing No. 51310

D	95 mm
d	50 mm
H	31 mm
d1	95 mm
D1	52 mm
Noun	Bearing
Height	1.22 Inch 31 Millimeter
Bore 2	2.047 Inch 52 Millimeter
Bore 1	1.969 Inch 50 Millimeter
UNSPSC	31171507
Banded	No
Weight	0,94 Kg
ra max.	1 mm
da min.	77 mm
Da max.	68 mm
r2 min.	1,1 mm
r1 min.	1,1 mm
series:	513
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	50x95x31
Width (mm)	31
Weight / LBS	2.086
maximum rpm:	3600 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust
bore diameter:	50 mm

overall width:	31 mm
Other Features	Single Row
fillet radius:	1 mm
cage material:	Steel
Bearing number	51310
Limiting speed	3600 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	2600 r/min
Outside Diameter	3.74 Inch 95 Millimeter
Long Description	50MM Bore 1; 52MM Bore 2; 95MM Outside Diameter; 31MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Manufacturer URL	http://www.skf.com
outside diameter:	95 mm
Manufacturer Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	0.947
D _a max.	68 mm
Bore Diameter (mm)	50
r _a max.	1 mm
d _a min.	77 mm
Outer Diameter (mm)	95
Minimum Buy Quantity	N/A
r _{1,2} min.	1.1 mm
separable or banded:	Separable
thrust bearing type:	Single-Direction
D ₁ ?	52 mm

Minimum load factor A	0.19
static load capacity:	170 kN
d ₁ ?	95 mm
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	81.9 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (Pu)	6,3
outside diameter design:	Straight
Manufacturer Item Number	51310
Single or Double Direction	Single Direction
Basic dynamic load rating C	81.9 kN
Basic dynamic load rating (C)	81,9 kN
Basic static load rating (C0)	170 kN
Fatigue load limit P _u	6.3 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C ₀	170 kN
Mass bearing (including seat washer where applicable)	0.94 kg