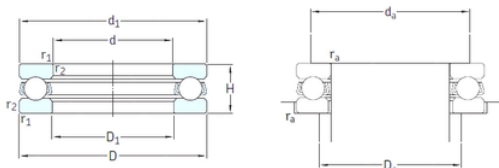




## Bearing Rolamentos do Brasil Ltda.



### SKF 51310 thrust ball bearings

Bearing No. 51310

Size	50x95x31 mm
Bore Diameter	50 mm
Outer Diameter	95 mm
Width	31 mm
d	50 mm
D	95 mm
H	31 mm
d1	95 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
D1	52 mm
da min.	77 mm
Da max.	68 mm
ra max.	1 mm
Weight	0,94 Kg
Basic dynamic load rating (C)	81,9 kN
Basic static load rating (C0)	170 kN
Fatigue load limit (Pu)	6,3
Reference speed	2600 r/min
Limiting speed	3600 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.947
EAN	7316577006882

51310 Bearing 2D drawings and 3D CAD models



## Bearing Rolamentos do Brasil Ltda.

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	50MM Bore 1; 52MM Bore 2; 95MM Outside Diameter; 31MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	51310
Weight / LBS	2.086
Height	1.22 Inch   31 Millimeter
Outside Diameter	3.74 Inch   95 Millimeter
Bore 2	2.047 Inch   52 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	1.969 Inch   50 Millimeter
bore diameter:	50 mm
static load capacity:	170 kN
outside diameter:	95 mm



## Bearing Rolamentos do Brasil Ltda.

dynamic load capacity:	81.9 kN
overall width:	31 mm
maximum rpm:	3600 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	513
precision rating:	ABEC 1 (ISO Class Normal)
$d_1$	95 mm
$D_1$	52 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	77 mm
$D_a$ max.	68 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	81.9 kN
Basic static load rating $C_0$	170 kN
Fatigue load limit $P_u$	6.3 kN
Minimum load factor A	0.19
Mass bearing (including seat washer where applicable)	0.94 kg