



## NTN Bearing Driveshaft do Brasil



### SKF 51316 thrust ball bearings

Bearing No. 51316

Size	80x140x44 mm
Bore Diameter	80 mm
Outer Diameter	140 mm
Width	44 mm
d	80 mm
D	140 mm
H	44 mm
d1	140 mm
r1 min.	1,5 mm
r2 min.	1,5 mm
D1	82 mm
da min.	116 mm
Da max.	104 mm
ra max.	1,5 mm
Weight	2,7 Kg
Basic dynamic load rating (C)	159 kN
Basic static load rating (C0)	390 kN
Fatigue load limit (Pu)	13,7
Reference speed	1700 r/min
Limiting speed	2400 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.703
EAN	7316577006943

51316 Bearing 2D drawings and 3D CAD models



## NTN Bearing Driveshaft do Brasil

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	80MM Bore 1; 82MM Bore 2; 140MM Outside Diameter; 44MM 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	51316
Weight / LBS	5.953
Outside Diameter	5.512 Inch   140 Millimeter
Bore 1	3.15 Inch   80 Millimeter
Bore 2	3.228 Inch   82 Millimeter
Height	1.732 Inch   44 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
bore diameter:	80 mm
static load capacity:	390 kN



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outside diameter:	140 mm
dynamic load capacity:	159 kN
overall width:	44 mm
maximum rpm:	2400 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1.5 mm
separable or banded:	Separable
series:	513
precision rating:	ABEC 1 (ISO Class Normal)
$d_1$	140 mm
$D_1$	82 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	116 mm
$D_a$ max.	104 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	159 kN
Basic static load rating $C_0$	390 kN
Fatigue load limit $P_u$	13.7 kN
Minimum load factor A	0.79
Mass bearing (including seat washer where applicable)	2.7 kg