



Bearing No. 51316

D	140 mm
d	80 mm
H	44 mm
d1	140 mm
D1	82 mm
Noun	Bearing
Bore 1	3.15 Inch 80 Millimeter
Bore 2	3.228 Inch 82 Millimeter
Height	1.732 Inch 44 Millimeter
UNSPSC	31171507
Banded	No
Weight	2,7 Kg
ra max.	1,5 mm
da min.	116 mm
Da max.	104 mm
r2 min.	1,5 mm
r1 min.	1,5 mm
series:	513
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	80x140x44
Width (mm)	44
Weight / LBS	5.953
maximum rpm:	2400 RPM
Cage Material	Steel
Inch - Metric	Metric
Product Group	B00308
Keyword String	Ball Thrust
bore diameter:	80 mm

overall width:	44 mm
Other Features	Single Row
fillet radius:	1.5 mm
cage material:	Steel
Bearing number	51316
Thrust Bearing	Yes
Limiting speed	2400 r/min
Reference speed	1700 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
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
Outside Diameter	5.512 Inch 140 Millimeter
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	2.703
outside diameter:	140 mm
Manufacturer Name	SKF
Bore Diameter (mm)	80
d _a min.	116 mm
D _a max.	104 mm
r _a max.	1.5 mm
Outer Diameter (mm)	140
Minimum Buy Quantity	N/A
thrust bearing type:	Single-Direction
r _{1,2} min.	1.5 mm
separable or banded:	Separable
d ₁ ?	140 mm

static load capacity:	390 kN
D ₁ ?	82 mm
Minimum load factor A	0.79
Component Description	Roller Assembly Plus Raceways
dynamic load capacity:	159 kN
Harmonized Tariff Code	8482.10.50.08
Fatigue load limit (Pu)	13,7
outside diameter design:	Straight
Manufacturer Item Number	51316
Single or Double Direction	Single Direction
Basic dynamic load rating C	159 kN
Basic dynamic load rating (C)	159 kN
Basic static load rating (C0)	390 kN
Fatigue load limit P _u	13.7 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C ₀	390 kN
Mass bearing (including seat washer where applicable)	2.7 kg