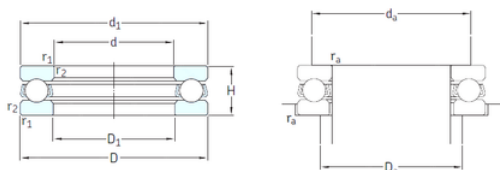




Bearing company



skf 51116 bearing

Bearing No. 51116

Size	80x105x19 mm
Bore Diameter	80 mm
Outer Diameter	105 mm
Width	19 mm
d	80 mm
D	105 mm
H	19 mm
d1	105 mm
r1 min.	1 mm
r2 min.	1 mm
D1	82 mm
da min.	95 mm
Da max.	90 mm
ra max.	1 mm
Weight	0,42 Kg
Basic dynamic load rating (C)	44,9 kN
Basic static load rating (C0)	140 kN
Fatigue load limit (Pu)	5,1
Reference speed	3000 r/min
Limiting speed	4300 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.43
EAN	7316576677687

51116 Bearing 2D drawings and 3D CAD models



Bearing company

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; 105MM Outside Diameter; 19MM 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	http://www.skf.com
Manufacturer Item Number	51116
Weight / LBS	0.948
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 2	3.228 Inch 82 Millimeter
Outside Diameter	4.134 Inch 105 Millimeter
Height	0.748 Inch 19 Millimeter
Bore 1	3.15 Inch 80 Millimeter
bore diameter:	80 mm
static load capacity:	140 kN



Bearing company

outside diameter:	105 mm
dynamic load capacity:	44.9 kN
overall width:	19 mm
maximum rpm:	4300 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	105 mm
D_1	82 mm
$r_{1,2}$ min.	1 mm
d_a min.	95 mm
D_a max.	90 mm
r_a max.	1 mm
Basic dynamic load rating C	44.9 kN
Basic static load rating C_0	140 kN
Fatigue load limit P_u	5.1 kN
Minimum load factor A	0.12
Mass bearing (including seat washer where applicable)	0.42 kg