



NTN DRIVESHAFT ANDERSON, INC.

SKF 51115 thrust ball bearings



Bearing No. 51115

51115 Bearing 2D drawings and 3D CAD models

Size	75x100x19 mm
Bore Diameter	75 mm
Outer Diameter	100 mm
Width	19 mm
d	75 mm
D	100 mm
H	19 mm
d1	100 mm
r1 min.	1 mm
r2 min.	1 mm
D1	77 mm
da min.	90 mm
Da max.	85 mm
ra max.	1 mm
Weight	0,4 Kg
Basic dynamic load rating (C)	44,2 kN
Basic static load rating (C0)	134 kN
Fatigue load limit (Pu)	4,9
Reference speed	3200 r/min
Limiting speed	4300 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.415
Product Group	B00308



NTN DRIVESHAFT ANDERSON, INC.

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	75MM Bore 1; 77MM Bore 2; 100MM 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	51115
Weight / LBS	0.913
Bore 1	2.953 Inch 75 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Height	0.748 Inch 19 Millimeter
Bore 2	3.031 Inch 77 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
bore diameter:	75 mm
static load capacity:	134 kN
outside diameter:	100 mm



NTN DRIVESHAFT ANDERSON, INC.

dynamic load capacity:	44.2 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	100 mm
D_1	77 mm
$r_{1,2}$ min.	1 mm
d_a min.	90 mm
D_a max.	85 mm
r_a max.	1 mm
Basic dynamic load rating C	44.2 kN
Basic static load rating C_0	134 kN
Fatigue load limit P_u	4.9 kN
Minimum load factor A	0.11
Mass bearing (including seat washer where applicable)	0.4 kg