

51115 SKF thrust bearing type: Single-Direction 75x100x19mm Thrust ball bearings

Bearing number	51115
Size (mm)	75x100x19
Brand	SKF
Bore Diameter (mm)	75
Outer Diameter (mm)	100
Width (mm)	19
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
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.415
EAN	7316576677601
Product Group – BDI	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	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 – BDI	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
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)
$d_1 \approx$	100 mm
$D_1 \approx$	77 mm
$r_{1,2} \text{ min.}$	1 mm
$d_a \text{ min.}$	90 mm
$D_a \text{ max.}$	85 mm
$r_a \text{ max.}$	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
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