

**51106 SKF Mass bearing
(including seat washer where
applicable) 0.063 kg
30x47x11mm Thrust ball
bearings**

Category	Thrust Ball Bearing
BDI Inventory	13.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.071
EAN	7316577058638
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	30MM Bore 1; 32MM Bore 2; 47MM Outside Diameter; 11MM 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	51106
Weight / LBS	0.156
Bore 2	1.26 Inch 32 Millimeter
Height	0.433 Inch 11 Millimeter
Bore 1	1.181 Inch 30 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
Bearing number	51106
Size (mm)	30x47x11
Brand	SKF
Bore Diameter (mm)	30
Outer Diameter (mm)	47
Width (mm)	11
d	30 mm
D	47 mm
H	11 mm
d1	47 mm
r1 min.	0.6 mm
r2 min.	0.6 mm
D1	32 mm
da min.	40 mm
Da max.	37 mm
ra max.	0.6 mm

Weight	0.063 Kg
Basic dynamic load rating (C)	19 kN
Basic static load rating (C ₀)	43 kN
Fatigue load limit (P _u)	1.6
Reference speed	6000 r/min
Limiting speed	8500 r/min
bore diameter:	30 mm
static load capacity:	43 kN
outside diameter:	47 mm
dynamic load capacity:	19 kN
overall width:	11 mm
maximum rpm:	8500 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	0.6 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
$d_1 \approx$	47 mm
$D_1 \approx$	32 mm
$r_{1,2} \text{ min.}$	0.6 mm
$d_a \text{ min.}$	40 mm
$D_a \text{ max.}$	37 mm
$r_a \text{ max.}$	0.6 mm
Basic dynamic load rating C	19 kN
Basic static load rating C ₀	43 kN
Fatigue load limit P _u	1.6 kN

Minimum load factor A	0.0096
Mass bearing (including seat washer where applicable)	0.063 kg