



SKF 51309 thrust ball bearings

Bearing No. 51309

Size	45x85x28 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	28 mm
d	45 mm
D	85 mm
H	28 mm
d1	85 mm
r1 min.	1 mm
r2 min.	1 mm
D1	47 mm
da min.	69 mm
Da max.	61 mm
ra max.	1 mm
Weight	0,66 Kg
Basic dynamic load rating (C)	76,1 kN
Basic static load rating (C0)	153 kN
Fatigue load limit (Pu)	5,6
Reference speed	2800 r/min
Limiting speed	4000 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.671
EAN	7316577058966

51309 Bearing 2D drawings and 3D CAD models



Timken Bearing Machinery TECHNOLOGY C...

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	45MM Bore 1; 47MM Bore 2; 85MM Outside Diameter; 28MM 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	51309
Weight / LBS	1.479
Height	1.102 Inch 28 Millimeter
Outside Diameter	3.346 Inch 85 Millimeter
Bore 1	1.772 Inch 45 Millimeter
Bore 2	1.85 Inch 47 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
bore diameter:	45 mm
static load capacity:	153 kN
outside diameter:	85 mm



Timken Bearing Machinery TECHNOLOGY C...

dynamic load capacity:	76.1 kN
overall width:	28 mm
maximum rpm:	4000 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	513
precision rating:	ABEC 1 (ISO Class Normal)
d_1	85 mm
D_1	47 mm
$r_{1,2}$ min.	1 mm
d_a min.	69 mm
D_a max.	61 mm
r_a max.	1 mm
Basic dynamic load rating C	76.1 kN
Basic static load rating C_0	153 kN
Fatigue load limit P_u	5.6 kN
Minimum load factor A	0.12
Mass bearing (including seat washer where applicable)	0.66 kg