



Bearing No. 52309

B	12 mm
d	35 mm
D	85 mm
H	52 mm
Noun	Bearing
UNSPSC	31171507
Bore 1	1.378 Inch 35 Millimeter
Bore 2	1.85 Inch 47 Millimeter
Banded	No
Height	2.047 Inch 52 Millimeter
series:	523
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	85x35x52
Width (mm)	52
Weight / LBS	2.78
maximum rpm:	2800 RPM
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
d _a	46 mm
D ₁	47 mm
d _a	46 mm
Keyword String	Ball Thrust
bore diameter:	35 mm
cage material:	Steel
fillet radius:	0.6 mm
Other Features	Double Row

overall width:	52 mm
Bearing number	52309
Thrust Bearing	Yes
Limiting speed	2800 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	2000 r/min
Long Description	35MM Bore 1; 47MM Bore 2; 85MM Outside Diameter; 52MM Height; Ball Bearing; Double Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Outside Diameter	3.346 Inch 85 Millimeter
Manufacturer URL	http://www.skf.com
outside diameter:	85 mm
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	1.262
Manufacturer Name	SKF
r _b max.	0.6 mm
Bore Diameter (mm)	85
r _a max.	1 mm
D _a max.	61 mm
Outer Diameter (mm)	35
r _{3,4} min.	0.6 mm
r _a - max.	1 mm
r _{1,2} min.	1 mm
separable or banded:	Separable
D _a - max.	61 mm
thrust bearing type:	Double-Direction
Minimum Buy Quantity	N/A
r _b - max.	0.6 mm

static load capacity:	153 kN
Component Description	Roller Assembly Plus Raceways
D_1 ?	47 mm
Minimum load factor A	0.12
dynamic load capacity:	76.1 kN
$r_{3,4}$ - min.	0.6 mm
$r_{1,2}$ - min.	1 mm
Harmonized Tariff Code	8482.10.50.08
Minimum load factor - A	0.12
Manufacturer Item Number	52309
outside diameter design:	Straight
Single or Double Direction	Double Direction
Basic dynamic load rating C	76.1 kN
Basic dynamic load rating - C	76.1 kN
Fatigue load limit P_u	5.6 kN
Fatigue load limit - P_u	5.6 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C_0	153 kN
Basic static load rating - C_0	153 kN
Mass bearing (including seat washer where applicable)	1.25 kg