



**Bearing No. 52209**

B	9 mm
d	35 mm
D	73 mm
H	37 mm
Noun	Bearing
UNSPSC	31171507
Height	1.457 Inch   37 Millimeter
Bore 2	1.85 Inch   47 Millimeter
Banded	No
Bore 1	1.378 Inch   35 Millimeter
series:	522
Category	Thrust Ball Bearings
Inventory	0.0
Size (mm)	73x35x37
Width (mm)	37
Weight / LBS	1.367
maximum rpm:	3600 RPM
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
d <sub>a</sub>	45 mm
D <sub>1</sub>	47 mm
d <sub>a</sub>	45 mm
Keyword String	Ball Thrust
bore diameter:	35 mm
cage material:	Steel
fillet radius:	0.6 mm
Other Features	Double Row

overall width:	37 mm
Bearing number	52209
Thrust Bearing	Yes
Limiting speed	3600 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Reference speed	2600 r/min
Outside Diameter	2.874 Inch   73 Millimeter
Long Description	35MM Bore 1; 47MM Bore 2; 73MM Outside Diameter; 37MM Height; Ball Bearing; Double Direction; Not Banded; Steel Cage; ABEC 1   ISO P0 Precision
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
outside diameter:	73 mm
precision rating:	ABEC 1 (ISO Class Normal)
Weight / Kilogram	0.621
Manufacturer Name	SKF
D <sub>a</sub> max.	56 mm
Bore Diameter (mm)	73
r <sub>b</sub> max.	0.6 mm
r <sub>a</sub> max.	1 mm
Outer Diameter (mm)	35
r <sub>3,4</sub> min.	0.6 mm
r <sub>a</sub> - max.	1 mm
r <sub>1,2</sub> min.	1 mm
separable or banded:	Separable
D <sub>a</sub> - max.	56 mm
thrust bearing type:	Double-Direction
Minimum Buy Quantity	N/A
r <sub>b</sub> - max.	0.6 mm

static load capacity:	86.5 kN
Component Description	Roller Assembly Plus Raceways
$D_1$ ?	47 mm
Minimum load factor A	0.038
dynamic load capacity:	39 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	0.038
Manufacturer Item Number	52209
outside diameter design:	Straight
Single or Double Direction	Double Direction
Basic dynamic load rating C	39 kN
Basic dynamic load rating - C	39 kN
Fatigue load limit $P_u$	3.2 kN
Fatigue load limit - $P_u$	3.2 kN
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Basic static load rating $C_0$	86.5 kN
Basic static load rating - $C_0$	86.5 kN
Mass bearing (including seat washer where applicable)	0.6 kg