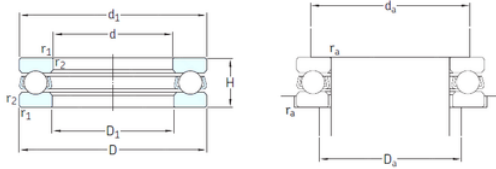




# KOYO BEARING LTD



## skf 51209 bearing

Bearing No. 51209

Size	45x73x20 mm
Bore Diameter	45 mm
Outer Diameter	73 mm
Width	20 mm
d	45 mm
D	73 mm
H	20 mm
d1	73 mm
r1 min.	1 mm
r2 min.	1 mm
D1	47 mm
da min.	62 mm
Da max.	56 mm
ra max.	1 mm
Weight	0,3 Kg
Basic dynamic load rating (C)	39 kN
Basic static load rating (C0)	86,5 kN
Fatigue load limit (Pu)	3,2
Reference speed	3600 r/min
Limiting speed	5000 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.314
EAN	7316577058492

51209 Bearing 2D drawings and 3D CAD models



# KOYO BEARING LTD

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; 73MM Outside Diameter; 20MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	51209
Weight / LBS	0.692
Bore 1	1.772 Inch   45 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Height	0.787 Inch   20 Millimeter
Outside Diameter	2.874 Inch   73 Millimeter
Bore 2	1.85 Inch   47 Millimeter
bore diameter:	45 mm
static load capacity:	86.5 kN
outside diameter:	73 mm



## KOYO BEARING LTD

dynamic load capacity:	39 kN
overall width:	20 mm
maximum rpm:	5000 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	512
precision rating:	ABEC 1 (ISO Class Normal)
$d_1$	73 mm
$D_1$	47 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	62 mm
$D_a$ max.	56 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	39 kN
Basic static load rating $C_0$	86.5 kN
Fatigue load limit $P_u$	3.2 kN
Minimum load factor A	0.038
Mass bearing (including seat washer where applicable)	0.3 kg