



CSC BEARING GROUP limited



45 mm x 100 mm x 25 mm KOYO 1309 Self aligning ball bearing

Bearing No. 1309

1309 Bearing 2D drawings and 3D CAD models

Size	45x100x25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	25 mm
d	45 mm
D	100 mm
B	25 mm
C	25 mm
r min.	1.5 mm
da min.	53 mm
Da max.	92 mm
ra max.	1.5 mm
Weight	0.957 Kg
Basic dynamic load rating (C)	38.1 kN
Basic static load rating (C0)	12.7 kN
(Grease) Lubrication Speed	6100 r/min
(Oil) Lubrication Speed	7500 r/min
Calculation factor (e)	0.25
Calculation factor (Y0)	2.68
Calculation factor (Y1)	2.56
Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	1.035



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Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
Long Description	45MM Bore; Shaft Mount; 100MM Outside Diameter; 25MM Inner Race Width; 25MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.koyousa.com
Manufacturer Item Number	1309
Weight / LBS	2.10982
Bore	1.772 Inch 45 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
Inner Race Width	0.984 Inch 25 Millimeter
Outer Race Width	0.984 Inch 25 Millimeter
Bearing No.	1309
r(min)	1.5
Cr	38.1
C0r	12.9



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Cu	0.80
Grease lub.	6100
Oil lub.	7500
da(min)	53
Da(max)	92
ra(max)	1.5
e	0.25
Y1	2.56
Y2	3.95
Y0	2.68
(Refer.)Mass(kg)	0.957