



Bearing No. 1309K

D	100 mm
d	45 mm
B	25 mm
C	25 mm
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
UNSPSC	31171532
Weight	0.942 Kg
r min.	1.5 mm
Da max.	92 mm
ra max.	1.5 mm
da min.	53 mm
Category	Self Aligning Ball Bearings
Size (mm)	45x100x25
Enclosure	Open
Inventory	0.0
Width (mm)	25
Weight / LBS	2.07675
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00152
Keyword String	Self Aligning
Other Features	Allowable Misalignment 3 Deg 1:12 Taper
Adapter Sleeve	H-309X
Bearing number	1309K
Mounting Method	Tapered Adapter
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0

Outer Race Width	0.984 Inch 25 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
Inner Race Width	0.984 Inch 25 Millimeter
Manufacturer URL	http://www.koyousa.com
Long Description	45MM Bore; Tapered Adapter 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
Weight / Kilogram	1.018
Manufacturer Name	KOYO
Internal Clearance	C0-Medium
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
Calculation factor (e)	0.25
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	7500 r/min
Number of Rows of Balls	Double Row
Calculation factor (Y0)	2.68
Calculation factor (Y1)	2.56
Manufacturer Item Number	1309K
(Grease) Lubrication Speed	6100 r/min
Basic dynamic load rating (C)	38.1 kN
Basic static load rating (C0)	12.7 kN