

# 1309K KOYO 45x100x25mm (Oil) Lubrication Speed 7500 r/min Self aligning ball bearings

Bearing number	1309K
Size (mm)	45x100x25
Brand	KOYO
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	25
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	0.942 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
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	1.018
EAN	0605790001734
Product Group – BDI	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-309X
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   1:12 Taper
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
Inch – Metric	Metric
Category – BDI	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.koyousa.com">http://www.koyousa.com</a>
Manufacturer Item Number	1309K

Weight / LBS	2.07675
Inner Race Width	0.984 Inch   25 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
Outer Race Width	0.984 Inch   25 Millimeter
Bore	1.772 Inch   45 Millimeter