

# 1209K KOYO Product Group – BDI B00152 45x85x19mm Self aligning ball bearings

Bearing number	1209K
Size (mm)	45x85x19
Brand	KOYO
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	19
d	45 mm
D	85 mm
B	19 mm
C	19 mm
r min.	1.1 mm
da min.	51.5 mm
Da max.	78.5 mm
ra max.	1 mm
Weight	0.459 Kg
Basic dynamic load rating (C)	21.8 kN
Basic static load rating (C0)	7.35 kN
(Grease) Lubrication Speed	7000 r/min
(Oil) Lubrication Speed	8500 r/min
Calculation factor (e)	0.21
Calculation factor (Y0)	3.09
Calculation factor (Y1)	2.94

Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	0.496
EAN	0060579000108
Product Group – BDI	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-209X
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 2.5 Deg   1:12 Taper
Long Description	45MM Bore; Tapered Adapter Mount; 85MM Outside Diameter; 19MM Inner Race Width; 19MM 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	1209K

Weight / LBS	1.01192
Inner Race Width	0.748 Inch   19 Millimeter
Bore	1.772 Inch   45 Millimeter
Outside Diameter	3.346 Inch   85 Millimeter
Outer Race Width	0.748 Inch   19 Millimeter