

1209 KOYO Precision Class ABEC 1 | ISO P0 45x85x19mm Self aligning ball bearings

Bearing number	1209
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	0.465 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	0.503
EAN	0605790001062
Product Group – BDI	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 2.5 Deg
Long Description	45MM Bore; Shaft 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	http://www.koyousa.com
Manufacturer Item Number	1209
Weight / LBS	1.02515

Outer Race Width	0.748 Inch 19 Millimeter
Inner Race Width	0.748 Inch 19 Millimeter
Bore	1.772 Inch 45 Millimeter
Outside Diameter	3.346 Inch 85 Millimeter
Bearing No.	1209
r(min)	1.1
Cr	21.8
C0r	7.35
Cu	0.46
Grease lub.	7000
Oil lub.	8500
da(min)	51.5
Da(max)	78.5
ra(max)	1
e	0.21
Y1	2.94
Y2	4.56
Y0	3.09
(Refer.) Mass (kg)	0.465