

**1210 KOYO 50x90x20mm**  
**Harmonized Tariff Code**  
**8482.10.50.68 Self aligning**  
**ball bearings**

Bearing number	1210
Size (mm)	50x90x20
Brand	KOYO
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	20
d	50 mm
D	90 mm
B	20 mm
C	20 mm
r min.	1.1 mm
da min.	56.5 mm
Da max.	83.5 mm
ra max.	1 mm
Weight	0.525 Kg
Basic dynamic load rating (C)	22.7 kN
Basic static load rating (C0)	8.10 kN
(Grease) Lubrication Speed	6500 r/min
(Oil) Lubrication Speed	7900 r/min
Calculation factor (e)	0.21
Calculation factor (Y0)	3.22

Calculation factor (Y1)	3.07
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	0.568
EAN	0605790001109
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	50MM Bore; Shaft Mount; 90MM Outside Diameter; 20MM Inner Race Width; 20MM 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	1210

Weight / LBS	1.15743
Outside Diameter	3.543 Inch   90 Millimeter
Outer Race Width	0.787 Inch   20 Millimeter
Bore	1.969 Inch   50 Millimeter
Inner Race Width	0.787 Inch   20 Millimeter
Bearing No.	1210
r(min)	1.1
Cr	22.7
C0r	8.10
Cu	0.51
Grease lub.	6500
Oil lub.	7900
da(min)	56.5
Da(max)	83.5
ra(max)	1
e	0.21
Y1	3.07
Y2	4.76
Y0	3.22
(Refer.) Mass (kg)	0.525