

# 1310 KOYO ra max. 2 mm 50x110x27mm Self aligning ball bearings

Bearing number	1310
Size (mm)	50x110x27
Brand	KOYO
Bore Diameter (mm)	50
Outer Diameter (mm)	110
Width (mm)	27
d	50 mm
D	110 mm
B	27 mm
C	27 mm
r min.	2 mm
da min.	59 mm
Da max.	101 mm
ra max.	2 mm
Weight	1.21 Kg
Basic dynamic load rating (C)	43.4 kN
Basic static load rating (C0)	14.1 kN
(Grease) Lubrication Speed	5600 r/min
(Oil) Lubrication Speed	6800 r/min
Calculation factor (e)	0.23
Calculation factor (Y0)	2.83
Calculation factor (Y1)	2.70

Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	2.067
EAN	0605790001758
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 3 Deg
Long Description	50MM Bore; Shaft Mount; 110MM Outside Diameter; 27MM Inner Race Width; 27MM 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	1310
Weight / LBS	2.66759

Inner Race Width	1.063 Inch   27 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Outer Race Width	1.063 Inch   27 Millimeter
Bore	1.969 Inch   50 Millimeter
Bearing No.	1310
r(min)	2
Cr	43.4
C0r	14.2
Cu	0.89
Grease lub.	5600
Oil lub.	6800
da(min)	59
Da(max)	101
ra(max)	2
e	0.23
Y1	2.70
Y2	4.17
Y0	2.83
(Refer.) Mass (kg)	1.21