

# 1218 KOYO 90x160x30mm Outside Diameter 6.299 Inch | 160 Millimeter Self aligning ball bearings

Bearing number	1218
Size (mm)	90x160x30
Brand	KOYO
Bore Diameter (mm)	90
Outer Diameter (mm)	160
Width (mm)	30
d	90 mm
D	160 mm
B	30 mm
C	30 mm
r min.	2 mm
da min.	99 mm
Da max.	151 mm
ra max.	2 mm
Weight	2.52 Kg
Basic dynamic load rating (C)	56.8 kN
Basic static load rating (C0)	23.4 kN
(Grease) Lubrication Speed	3500 r/min
(Oil) Lubrication Speed	4300 r/min
Calculation factor (e)	0.17
Calculation factor (Y0)	3.86

Calculation factor (Y1)	3.69
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	2.681
EAN	0605790001376
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	90MM Bore; Shaft Mount; 160MM Outside Diameter; 30MM Inner Race Width; 30MM 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	1218

Weight / LBS	5.55564
Outer Race Width	1.181 Inch   30 Millimeter
Inner Race Width	1.181 Inch   30 Millimeter
Outside Diameter	6.299 Inch   160 Millimeter
Bore	3.543 Inch   90 Millimeter
Bearing No.	1218
r(min)	2
Cr	56.8
C0r	23.4
Cu	1.30
Grease lub.	3500
Oil lub.	4300
da(min)	99
Da(max)	151
ra(max)	2
e	0.17
Y1	3.69
Y2	5.70
Y0	3.86
(Refer.) Mass (kg)	2.52