

# 1203 KOYO 17x40x12mm

## Calculation factor (Y1) 2.03

### Self aligning ball bearings

Bearing number	1203
Size (mm)	17x40x12
Brand	KOYO
Bore Diameter (mm)	17
Outer Diameter (mm)	40
Width (mm)	12
d	17 mm
D	40 mm
B	12 mm
C	12 mm
r min.	0.6 mm
da min.	21 mm
Da max.	36 mm
ra max.	0.6 mm
Weight	0.073 Kg
Basic dynamic load rating (C)	7.90 kN
Basic static load rating (C0)	2.00 kN
(Grease) Lubrication Speed	16000 r/min
(Oil) Lubrication Speed	20000 r/min
Calculation factor (e)	0.31
Calculation factor (Y0)	2.12
Calculation factor (Y1)	2.03

Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	0.079
EAN	0605790000843
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	17MM Bore; Shaft Mount; 40MM Outside Diameter; 12MM Inner Race Width; 12MM 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	1203
Weight / LBS	0.16094

Outside Diameter	1.575 Inch   40 Millimeter
Inner Race Width	0.472 Inch   12 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter
Bore	0.669 Inch   17 Millimeter
Bearing No.	1203
r(min)	0.6
Cr	7.90
C0r	2.05
Cu	0.13
Grease lub.	16000
Oil lub.	20000
da(min)	21
Da(max)	36
ra(max)	0.6
e	0.31
Y1	2.03
Y2	3.14
Y0	2.12
(Refer.) Mass (kg)	0.073