

# 1317 KOYO Manufacturer URL

<http://www.koyousa.com>

## 85x180x41mm Self aligning ball bearings

Bearing number	1317
Size (mm)	85x180x41
Brand	KOYO
Bore Diameter (mm)	85
Outer Diameter (mm)	180
Width (mm)	41
d	85 mm
D	180 mm
B	41 mm
C	41 mm
r min.	3 mm
da min.	98 mm
Da max.	167 mm
ra max.	2.5 mm
Weight	4.98 Kg
Basic dynamic load rating (C)	97.3 kN
Basic static load rating (C0)	37.8 kN
(Grease) Lubrication Speed	3300 r/min
(Oil) Lubrication Speed	4000 r/min
Calculation factor (e)	0.22
Calculation factor (Y0)	3.07

Calculation factor (Y1)	2.93
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	0605790002007
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	85MM Bore; Shaft Mount; 180MM Outside Diameter; 41MM Inner Race Width; 41MM 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>
Weight / LBS	10.97901

Bore	3.346 Inch   85 Millimeter
Inner Race Width	1.614 Inch   41 Millimeter
Outer Race Width	1.614 Inch   41 Millimeter
Outside Diameter	7.087 Inch   180 Millimeter
Bearing No.	1317
r(min)	3
Cr	97.3
C0r	37.8
Cu	2.05
Grease lub.	3300
Oil lub.	4000
da(min)	98
Da(max)	167
ra(max)	2.5
e	0.22
Y1	2.93
Y2	4.53
Y0	3.07
(Refer.) Mass (kg)	4.98