

# 1205 KOYO 25x52x15mm Precision Class ABEC 1 | ISO P0 Self aligning ball bearings

Bearing number	1205
Size (mm)	25x52x15
Brand	KOYO
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Width (mm)	15
d	25 mm
D	52 mm
B	15 mm
C	15 mm
r min.	1 mm
da min.	30 mm
Da max.	47 mm
ra max.	1 mm
Weight	0.141 Kg
Basic dynamic load rating (C)	12.1 kN
Basic static load rating (C0)	3.30 kN
(Grease) Lubrication Speed	12000 r/min
(Oil) Lubrication Speed	14000 r/min
Calculation factor (e)	0.28
Calculation factor (Y0)	2.39

Calculation factor (Y1)	2.28
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	0.153
EAN	0605790000904
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	25MM Bore; Shaft Mount; 52MM Outside Diameter; 15MM Inner Race Width; 15MM 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	1205

Weight / LBS	0.31085
Outer Race Width	0.591 Inch   15 Millimeter
Inner Race Width	0.591 Inch   15 Millimeter
Outside Diameter	2.047 Inch   52 Millimeter
Bore	0.984 Inch   25 Millimeter
Bearing No.	1205
r(min)	1
Cr	12.1
C0r	3.30
Cu	0.21
Grease lub.	12000
Oil lub.	14000
da(min)	30
Da(max)	47
ra(max)	1
e	0.28
Y1	2.28
Y2	3.52
Y0	2.39
(Refer.) Mass (kg)	0.141