

1304 KOYO Calculation factor (Y0) 2.22 20x52x15mm Self aligning ball bearings

Bearing number	1304
Size (mm)	20x52x15
Brand	KOYO
Bore Diameter (mm)	20
Outer Diameter (mm)	52
Width (mm)	15
d	20 mm
D	52 mm
B	15 mm
C	15 mm
r min.	1.1 mm
da min.	26.5 mm
Da max.	45.5 mm
ra max.	1 mm
Weight	0.163 Kg
Basic dynamic load rating (C)	12.4 kN
Basic static load rating (C0)	3.30 kN
(Grease) Lubrication Speed	13000 r/min
(Oil) Lubrication Speed	15000 r/min
Calculation factor (e)	0.30
Calculation factor (Y0)	2.22
Calculation factor (Y1)	2.12

Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	0.176
EAN	0605790001567
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	20MM 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	http://www.koyousa.com
Manufacturer Item Number	1304
Weight / LBS	0.35935

Outer Race Width	0.591 Inch 15 Millimeter
Bore	0.787 Inch 20 Millimeter
Outside Diameter	2.047 Inch 52 Millimeter
Inner Race Width	0.591 Inch 15 Millimeter
Bearing No.	1304
r(min)	1.1
Cr	12.4
C0r	3.35
Cu	0.21
Grease lub.	13000
Oil lub.	15000
da(min)	26.5
Da(max)	45.5
ra(max)	1
e	0.30
Y1	2.12
Y2	3.28
Y0	2.22
(Refer.) Mass (kg)	0.163