



BEARING CORP.OF AMERICA



35 mm x 80 mm x 31 mm KOYO 2307 self aligning ball bearings

Bearing No. 2307

2307 Bearing 2D drawings and 3D CAD models

Size	35x80x31 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	31 mm
d	35 mm
D	80 mm
B	31 mm
C	31 mm
r min.	1.5 mm
da min.	43 mm
Da max.	72 mm
ra max.	1.5 mm
Weight	0.675 Kg
Basic dynamic load rating (C)	39.4 kN
Basic static load rating (C0)	11.3 kN
(Grease) Lubrication Speed	7100 r/min
(Oil) Lubrication Speed	9800 r/min
Calculation factor (e)	0.45
Calculation factor (Y0)	1.46
Calculation factor (Y1)	1.39
Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	0



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Product Group	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	35MM Bore; Shaft Mount; 80MM Outside Diameter; 31MM Inner Race Width; 31MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	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
Weight / LBS	1.48812
Outside Diameter	3.15 Inch 80 Millimeter
Inner Race Width	1.22 Inch 31 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter
Bore	1.378 Inch 35 Millimeter
Bearing No.	2307
r(min)	1.5
Cr	39.5
C0r	11.1
Cu	0.71



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Grease lub.	7100
Oil lub.	9800
da(min)	43
Da(max)	72
ra(max)	1.5
e	0.45
Y1	1.39
Y2	2.15
Y0	1.46
(Refer.)Mass(kg)	0.675