



# RAD Power Machinery Co., Ltd.



1307 Bearing 2D drawings and 3D CAD models

## KOYO 1307 self aligning ball bearings

Bearing No. 1307

Size	35x80x21 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	21 mm
d	35 mm
D	80 mm
B	21 mm
C	21 mm
r min.	1.5 mm
da min.	43 mm
Da max.	72 mm
ra max.	1.5 mm
Weight	0.510 Kg
Basic dynamic load rating (C)	25.1 kN
Basic static load rating (C0)	7.85 kN
(Grease) Lubrication Speed	7600 r/min
(Oil) Lubrication Speed	9300 r/min
Calculation factor (e)	0.25
Calculation factor (Y0)	2.60
Calculation factor (Y1)	2.48
Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	0.551
Product Group	B00152



## RAD Power Machinery Co., Ltd.

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; 21MM Inner Race Width; 21MM 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	<a href="http://www.koyousa.com">http://www.koyousa.com</a>
Manufacturer Item Number	1307
Weight / LBS	1.12436
Bore	1.378 Inch   35 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Inner Race Width	0.827 Inch   21 Millimeter
Outer Race Width	0.827 Inch   21 Millimeter
Bearing No.	1307
r(min)	1.5
Cr	25.1
C0r	7.95
Cu	0.49



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Grease lub.	7600
Oil lub.	9300
da(min)	43
Da(max)	72
ra(max)	1.5
e	0.25
Y1	2.48
Y2	3.84
Y0	2.60
(Refer.)Mass(kg)	0.510