



## BTE Bearing Power Machinery Co., Ltd.



1213 Bearing 2D drawings and 3D CAD models

### KOYO 1213 self aligning ball bearings

Bearing No. 1213

Size	65x120x23 mm
Bore Diameter	65 mm
Outer Diameter	120 mm
Width	23 mm
d	65 mm
D	120 mm
B	23 mm
C	23 mm
r min.	1.5 mm
da min.	73 mm
Da max.	112 mm
ra max.	1.5 mm
Weight	1.15 Kg
Basic dynamic load rating (C)	31.0 kN
Basic static load rating (C0)	12.5 kN
(Grease) Lubrication Speed	4800 r/min
(Oil) Lubrication Speed	5800 r/min
Calculation factor (e)	0.17
Calculation factor (Y0)	3.84
Calculation factor (Y1)	3.67
Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	1.243
Product Group	B00152



## BTE Bearing 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 2.5 Deg
Long Description	65MM Bore; Shaft Mount; 120MM Outside Diameter; 23MM Inner Race Width; 23MM 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>
Weight / LBS	2.53531
Bore	2.559 Inch   65 Millimeter
Outer Race Width	0.906 Inch   23 Millimeter
Outside Diameter	4.724 Inch   120 Millimeter
Inner Race Width	0.906 Inch   23 Millimeter
Bearing No.	1213
r(min)	1.5
Cr	31.0
C0r	12.4
Cu	0.79
Grease lub.	4800



## BTE Bearing Power Machinery Co., Ltd.

Oil lub.	5800
da(min)	73
Da(max)	112
ra(max)	1.5
e	0.17
Y1	3.67
Y2	5.68
Y0	3.84
(Refer.)Mass(kg)	1.15