



# FAG BEARING CORP.

50 mm x 110 mm x 27 mm KOYO 30310JR  
JAPAN Bearing

Bearing No. 30310JR



30310JR Bearing 2D drawings and 3D CAD models

Size	50x110x29.25 mm
Bore Diameter	50 mm
Outer Diameter	110 mm
Width	29,25 mm
d	50 mm
D	110 mm
T	29,25 mm
B	27 mm
C	23 mm
a	22,9 mm
r min.	2,5 mm
r2 min.	2 mm
da min.	62 mm
da max	65 mm
Da min	95 mm
Da max.	98 mm
Db min.	102 mm
ra max.	2 mm
rb max.	2 mm
Weight	1,32 Kg
Basic dynamic load rating (C)	137 kN
Basic static load rating (C0)	152 kN
(Grease) Lubrication Speed	3700 r/min
(Oil) Lubrication Speed	4900 r/min
Calculation factor (e)	0,35



## FAG BEARING CORP.

Calculation factor (Y0)	0,96
Category	Tapered Roller Bearing Assemblies
Inventory	2.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	1.32
Product Group	B04334
Precision Class	Standard
Component	Assembly
Basic Number	30310
Number of Tapered Rows	Single Row
Inch - Metric	Metric
Other Features	High Load Capacity   Steep Contact Angle
Long Description	Assembly; Standard Precision; 50MM Bore; 110MM Outside Diameter; 29.25MM Assembly Width; Single Row of Rollers
Category	Tapered Roller Bearings Assembly
UNSPSC	31171516
Harmonized Tariff Code	8482.20.00.00
Noun	Bearing
Keyword String	Tapered
Manufacturer URL	<a href="http://www.koyousa.com">http://www.koyousa.com</a>
Manufacturer Item Number	30310JR
Weight / LBS	2.91
Bore	1.969 Inch   50 Millimeter
Flange Outside Diameter	0 Inch   0 Millimeter
Assembly Width	1.152 Inch   29.25 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Bearing No.	30310JR



## FAG BEARING CORP.

r(min)	2.5
r1(min)	2
Cr	172
C0r	152
Cu	24.0
Grease lub.	3700
Oil lub.	4900
a	22.9 mm
da(min)	62
db(max)	65
Da(max)	98
Da(min)	95
Db(min)	102
Sa(min)	3
Sb(min)	6
ra(max)	2
rb(max)	2
e	0.35
Y1	1.74
Y0	0.96
(Refer.)Mass(kg)	1.32