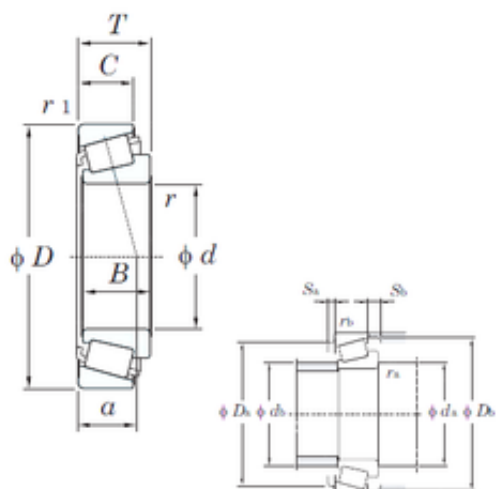




## Bearing Rolamentos do Brasil Ltda.



45 mm x 100 mm x 36 mm KOYO 32309JR  
tapered roller bearings

Bearing No. 32309JR

32309JR Bearing 2D drawings and 3D CAD models

Size	45x100x38.25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	38,25 mm
d	45 mm
D	100 mm
T	38,25 mm
B	36 mm
C	30 mm
a	26,8 mm
r min.	2 mm
r2 min.	1,5 mm
da min.	55 mm
da max	56 mm
Da min	82 mm
Da max.	90 mm
Db min.	93 mm
ra max.	2 mm
rb max.	1,5 mm
Weight	1,43 Kg
Basic dynamic load rating (C)	146 kN
Basic static load rating (C0)	180 kN
(Grease) Lubrication Speed	4100 r/min
(Oil) Lubrication Speed	5500 r/min
Calculation factor (e)	0,35



## Bearing Rolamentos do Brasil Ltda.

Calculation factor (Y0)	0,96
Category	Tapered Roller Bearing Assemblies
Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	1.544
EAN	0605790022159
Product Group	B04334
Precision Class	Standard
Component	Assembly
Basic Number	32309
Number of Tapered Rows	Single Row
Inch - Metric	Metric
Other Features	High Load Capacity
Long Description	Assembly; Standard Precision; 45MM Bore; 100MM Outside Diameter; 38.25MM 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	32309JR
Weight / LBS	3.153
Outside Diameter	3.937 Inch   100 Millimeter
Flange Outside Diameter	0 Inch   0 Millimeter
Assembly Width	1.506 Inch   38.25 Millimeter
Bore	1.772 Inch   45 Millimeter



## Bearing Rolamentos do Brasil Ltda.

Bearing No.	32309JR
r(min)	2
r1(min)	1.5
Cr	183
C0r	180
Cu	27.7
Grease lub.	4100
Oil lub.	5500
a	26.8 mm
da(min)	55
db(max)	56
Da(max)	90
Da(min)	82
Db(min)	93
Sa(min)	3
Sb(min)	8
ra(max)	2
rb(max)	1.5
e	0.35
Y1	1.74
Y0	0.96
(Refer.)Mass(kg)	1.43