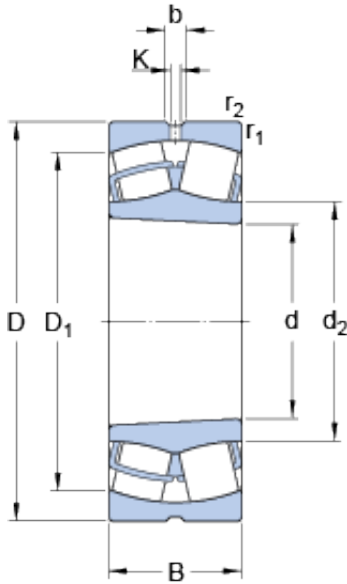




## Bearing Rolamentos do Brasil Ltda.

### 200 mm x 340 mm x 140 mm SKF 24140 CCK30/W33 spherical roller bearings

Bearing No. 24140 CCK30/W33



24140 CCK30/W33 Bearing 2D drawings and 3D CAD models

Size	340x200x140 mm
Bore Diameter	340 mm
Outer Diameter	200 mm
Width	140 mm
d	200 mm
D	340 mm
B	140 mm
d <sub>2</sub>	226 mm
D <sub>1</sub>	284 mm
b	11.1 mm
K	6 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	208 mm
D <sub>a</sub> - max.	326 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	1865 kN
Basic static load rating - C <sub>0</sub>	2800 kN
Fatigue load limit - P <sub>u</sub>	232 kN
Reference speed	1000 r/min
Limiting speed	1400 r/min
Calculation factor - e	0.4
Calculation factor - Y <sub>1</sub>	1.7
Calculation factor - Y <sub>2</sub>	2.5
Calculation factor - Y <sub>0</sub>	1.6



## Bearing Rolamentos do Brasil Ltda.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	53.948
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AH24140 (Specify bore)
Withdrawal Nut	HM42T
Inch - Metric	Metric
Long Description	200MM Tapered Bore; 340MM Outside Diameter; 140MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical



## Bearing Rolamentos do Brasil Ltda.

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	120.152
Bore	7.874 Inch   200 Millimeter
Outside Diameter	13.386 Inch   340 Millimeter
Width	5.512 Inch   140 Millimeter
bore diameter:	200 mm
maximum rpm:	1400 RPM
outside diameter:	340 mm
operating temperature range:	Maximum of +390 ° F
overall width:	140 mm
cage material:	Steel
bore type:	Tapered 1:30
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	140 mm
dynamic load capacity:	1800 kN
fillet radius:	2.5 mm
static load capacity:	2800 kN
series:	241
$d_2$	226 mm
$D_1$	284 mm
$r_{1,2}$ min.	3 mm
$D_a$ max.	326 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	1865 kN
Basic static load rating $C_0$	2800 kN



## Bearing Rolamentos do Brasil Ltda.

Fatigue load limit $P_u$	232 kN
Calculation factor $e$	0.4
Calculation factor $Y_1$	1.7
Calculation factor $Y_2$	2.5
Calculation factor $Y_0$	1.6
Mass bearing	52.5 kg