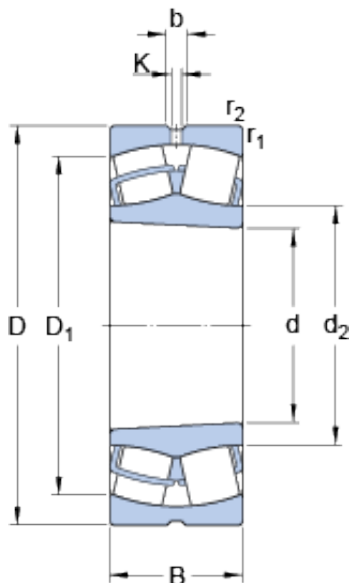




Bearing Rolamentos do Brasil Ltda.

220 mm x 370 mm x 150 mm SKF 24144 CCK30/W33 spherical roller bearings

Bearing No. 24144 CCK30/W33



24144 CCK30/W33 Bearing 2D drawings and 3D CAD models

Size	370x220x150 mm
Bore Diameter	370 mm
Outer Diameter	220 mm
Width	150 mm
d	220 mm
D	370 mm
B	150 mm
d ₂	248 mm
D ₁	310 mm
b	11.1 mm
K	6 mm
r _{1,2} - min.	4 mm
d _a - min.	229 mm
D _a - max.	353 mm
r _a - max.	3 mm
Basic dynamic load rating - C	2197 kN
Basic static load rating - C ₀	3350 kN
Fatigue load limit - P _u	285 kN
Reference speed	850 r/min
Limiting speed	1200 r/min
Calculation factor - e	0.4
Calculation factor - Y ₁	1.7
Calculation factor - Y ₂	2.5
Calculation factor - Y ₀	1.6



Bearing Rolamentos do Brasil Ltda.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	68.862
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	AH24144 AOH24144 (Specify bore)
Withdrawal Nut	HM46T
Inch - Metric	Metric
Long Description	220MM Tapered Bore; 370MM Outside Diameter; 150MM 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	http://www.skf.com
Weight / LBS	151.678
Width	5.906 Inch 150 Millimeter
Outside Diameter	14.567 Inch 370 Millimeter
Bore	8.661 Inch 220 Millimeter
bore diameter:	220 mm
closure type:	Open
outside diameter:	370 mm
lubrication hole type:	Holes on Outer Ring
overall width:	150 mm
operating temperature range:	392 Degrees ° F
bore type:	Tapered 1:30
cage material:	Brass
outer ring type:	Not Split
application:	Heavy Duty
internal clearance:	C0
series:	Spherical Roller 241 Series
d_2	248 mm
D_1	310 mm
$r_{1,2}$ min.	4 mm
D_a max.	353 mm
r_a max.	3 mm
Basic dynamic load rating C	2197 kN
Basic static load rating C_0	3350 kN
Fatigue load limit P_u	285 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	66 kg