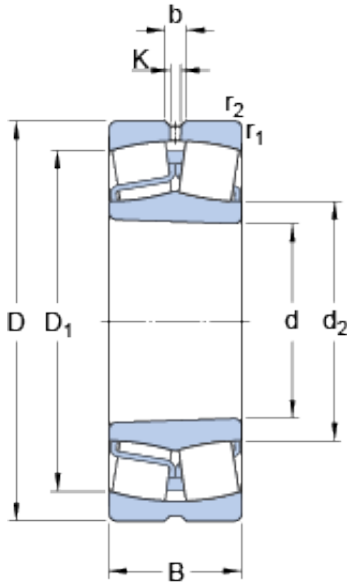




NTN Bearing de Mexico, S.A.

80 mm x 170 mm x 58 mm SKF 22316 EK
spherical roller bearings

Bearing No. 22316 EK



22316 EK Bearing 2D drawings and 3D CAD models

Size	170x80x58 mm
Bore Diameter	170 mm
Outer Diameter	80 mm
Width	58 mm
d	80 mm
D	170 mm
B	58 mm
d ₂	98.3 mm
D ₁	143 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	2.1 mm
d _a - min.	88 mm
d _a - max.	98 mm
D _a - max.	158 mm
r _a - max.	2 mm
Basic dynamic load rating - C	516 kN
Basic static load rating - C ₀	530 kN
Fatigue load limit - P _u	54 kN
Reference speed	3000 r/min
Limiting speed	4000 r/min
Calculation factor - e	0.35
Calculation factor - Y ₁	1.9
Calculation factor - Y ₂	2.9



NTN Bearing de Mexico, S.A.

Calculation factor - Y_0	1.8
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	6.252
EAN	7316577748683
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	AHX2316 (Specify bore)
Withdrawal Nut	KM18
Inch - Metric	Metric
Long Description	80MM Tapered Bore; 170MM Outside Diameter; 58MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080



NTN Bearing de Mexico, S.A.

Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	13.77
Bore	3.15 Inch 80 Millimeter
Width	2.283 Inch 58 Millimeter
Outside Diameter	6.693 Inch 170 Millimeter
Adapter Part Number	SNW116 H2316 HA2316 HE2316 (Specify Bore) Inch H2316 (Specify bore) Millimeter
bore diameter:	80 mm
maximum rpm:	4000 RPM
outside diameter:	170 mm
operating temperature range:	Maximum of +390 ° F
overall width:	58 mm
cage material:	Steel
bore type:	Tapered 1:12
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:	58 mm
dynamic load capacity:	490 kN
fillet radius:	2 mm
static load capacity:	540 kN
series:	223
d ₂	98.3 mm



NTN Bearing de Mexico, S.A.

D_1	143 mm
$r_{1,2}$ min.	2.1 mm
D_a max.	158 mm
r_a max.	2 mm
Basic dynamic load rating C	516 kN
Basic static load rating C_0	530 kN
Fatigue load limit P_u	54 kN
Calculation factor e	0.35
Calculation factor Y_1	1.9
Calculation factor Y_2	2.9
Calculation factor Y_0	1.8
Mass bearing	6.45 kg
Recommended lock nut tightening angle	130 °