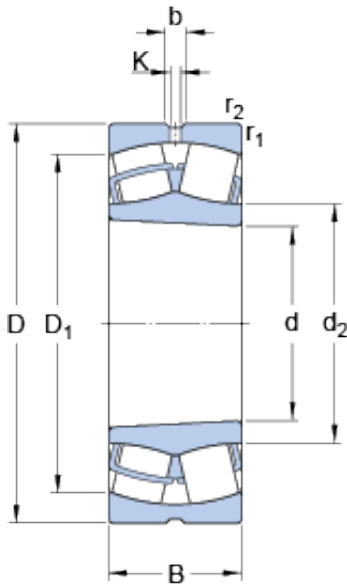




AMERICAN BEARING MFG.CORP.

65 mm x 140 mm x 48 mm SKF 22313 EK
spherical roller bearings

Bearing No. 22313 EK



22313 EK Bearing 2D drawings and 3D CAD models

Size	140x65x48 mm
Bore Diameter	140 mm
Outer Diameter	65 mm
Width	48 mm
d	65 mm
D	140 mm
B	48 mm
d ₂	81.6 mm
D ₁	118 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	2.1 mm
d _a - min.	73 mm
d _a - max.	81 mm
D _a - max.	128 mm
r _a - max.	2 mm
Basic dynamic load rating - C	357 kN
Basic static load rating - C ₀	360 kN
Fatigue load limit - P _u	38 kN
Reference speed	3800 r/min
Limiting speed	5000 r/min
Calculation factor - e	0.35
Calculation factor - Y ₁	1.9
Calculation factor - Y ₂	2.9



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Calculation factor - Y_0	1.8
Category	Spherical Roller Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.49
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	AH2313 (Specify bore)
Withdrawal Nut	KM15
Inch - Metric	Metric
Long Description	65MM Tapered Bore; 140MM Outside Diameter; 48MM 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
Noun	Bearing



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Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	7.687
Width	1.89 Inch 48 Millimeter
Bore	2.559 Inch 65 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Adapter Part Number	SNW113 H2313 HA2313 HE2313 (Specify Bore) Inch H2313 (Specify bore) Millimeter
bore diameter:	65 mm
maximum rpm:	5000 RPM
outside diameter:	140 mm
operating temperature range:	Maximum of +390 ° F
overall width:	48 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:	48 mm
dynamic load capacity:	340 kN
fillet radius:	2 mm
static load capacity:	360 kN
series:	223
d ₂	81.6 mm
D ₁	118 mm



AMERICAN BEARING MFG.CORP.

$r_{1,2}$ min.	2.1 mm
D_a max.	128 mm
r_a max.	2 mm
Basic dynamic load rating C	357 kN
Basic static load rating C_0	360 kN
Fatigue load limit P_u	38 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	3.65 kg
Recommended lock nut tightening angle	115 °