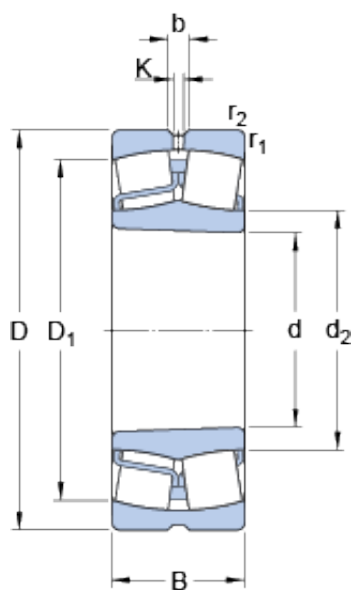




Bearing No. 22218 EK

D	160 mm
d	90 mm
B	40 mm
b	6 mm
K	3 mm
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
Width	1.575 Inch 40 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	160x90x40
Inventory	0.0
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	40
Bore Profile	Tapered
maximum rpm:	5300 RPM
Weight / LBS	7.485
Mass bearing	3.35 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
D ₁	141 mm
d ₂	106 mm
Cage Material	Steel
Relubricatable	Yes

Withdrawal Nut	KM20
Bearing number	22218 EK
Keyword String	Spherical
bore diameter:	90 mm
cage material:	Steel
fillet radius:	2 mm
overall width:	40 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	5300 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	3800 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	90MM Tapered Bore; 160MM Outside Diameter; 40MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Outside Diameter	6.299 Inch 160 Millimeter
outer ring width:	40 mm
precision rating:	Not Rated
outside diameter:	160 mm
bearing material:	Steel
Manufacturer Name	SKF

Weight / Kilogram	3.398
Withdrawal Sleeve	AHX318 (Specify bore)
Bore Diameter (mm)	160
r_a max.	2 mm
D_a max.	149 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Adapter Part Number	SNW18 H318 HA318 HS318 (Specify Bore) Inch H318 (Specify bore) Millimeter
Outer Diameter (mm)	90
$r_{1,2}$ min.	2 mm
d_a - min.	97.2 mm
d_a - max.	106 mm
Calculation factor e	0.24
Minimum Buy Quantity	N/A
D_a - max.	149 mm
r_a - max.	2 mm
D_1 ?	141 mm
d_2 ?	106 mm
static load capacity:	375 kN
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	2 mm
dynamic load capacity:	325 kN
Calculation factor - e	0.24
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	331 kN
operating temperature range:	Maximum of +390 °F

Basic dynamic load rating - C	331 kN
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Fatigue load limit P_u	39 kN
Calculation factor - Y_1	2.8
Fatigue load limit - P_u	39 kN
Calculation factor - Y_0	2.8
Calculation factor - Y_2	4.2
Basic static load rating C_0	375 kN
Basic static load rating - C_0	375 kN
Recommended lock nut tightening angle ?	150 °