



BEARING Argentina



21318 EK Bearing 2D drawings and 3D CAD models

90 mm x 190 mm x 43 mm SKF 21318 EK Spherical Roller Bearings

Bearing No. 21318 EK

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	6.263
EAN	7316570017106
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	AH318 (Specify bore)
Withdrawal Nut	KM20
Inch - Metric	Metric
Long Description	90MM Tapered Bore; 190MM Outside Diameter; 43MM 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



BEARING Argentina

	withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	13.795
d	3.543 Inch 90 Millimeter
D	7.48 Inch 190 Millimeter
B	1.693 Inch 43 Millimeter
Adapter Part Number	SNW18 H318 HA318 HS318 (Specify Bore) Inch H318 (Specify bore) Millimeter
bore diameter:	90 mm
maximum rpm:	4800 RPM
outside diameter:	190 mm
operating temperature range:	Maximum of +390 ° F
overall width:	43 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	43 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2.5 mm



BEARING Argentina

dynamic load capacity:	380 kN
series:	213
static load capacity:	450 kN
d	90 mm
D	190 mm
B	43 mm
d ₂	112 mm
D ₁	150 mm
b	8.3 mm
K	4.5 mm
r _{1,2} min.	3 mm
D _a max.	176 mm
r _a max.	2.5 mm
Basic dynamic load rating C	393 kN
Basic static load rating C ₀	450 kN
Fatigue load limit P _u	45.5 kN
Reference speed	3600 r/min
Limiting speed	4800 r/min
Calculation factor e	0.24
Calculation factor Y ₁	2.8
Calculation factor Y ₂	4.2
Calculation factor Y ₀	2.8
Mass bearing	6 kg
Recommended lock nut tightening angle	150 °