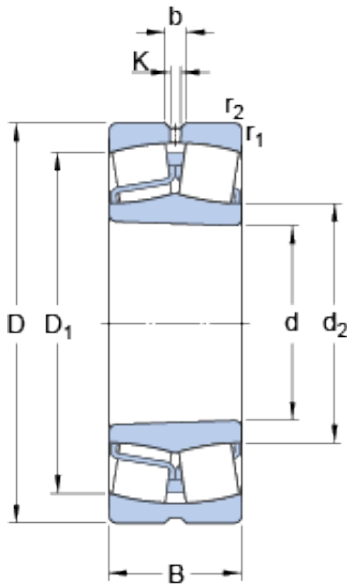




BEARING FORGE OF AMERICA CORP.

75 mm x 130 mm x 31 mm skf 22215 ek bearing

Bearing No. 22215 ek



22215 ek Bearing 2D drawings and 3D CAD models

Size	130x75x31 mm
Bore Diameter	130 mm
Outer Diameter	75 mm
Width	31 mm
d	75 mm
D	130 mm
B	31 mm
d ₂	87.8 mm
D ₁	115 mm
b	6 mm
K	3 mm
r _{1,2} - min.	1.5 mm
d _a - min.	82.2 mm
d _a - max.	87 mm
D _a - max.	121 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	217 kN
Basic static load rating - C ₀	240 kN
Fatigue load limit - P _u	26.5 kN
Reference speed	4800 r/min
Limiting speed	6300 r/min
Calculation factor - e	0.22
Calculation factor - Y ₁	3
Calculation factor - Y ₂	4.6
Calculation factor - Y ₀	2.8



BEARING FORGE OF AMERICA CORP.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.7
EAN	7316576652462
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	AH315 (Specify bore)
Withdrawal Nut	KM17
Inch - Metric	Metric
Long Description	75MM Tapered Bore; 130MM Outside Diameter; 31MM 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



BEARING FORGE OF AMERICA CORP.

Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	3.744
Adapter Part Number	SNW15 H315 HA315 HE315 (Specify Bore) Inch H315 (Specify bore) Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Bore	2.953 Inch 75 Millimeter
Width	1.22 Inch 31 Millimeter
bore diameter:	75 mm
maximum rpm:	6300 RPM
outside diameter:	130 mm
operating temperature range:	Maximum of +390 ° F
overall width:	31 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:	31 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	1.5 mm
dynamic load capacity:	212 kN
series:	222
static load capacity:	240 kN
d ₂	87.8 mm
D ₁	115 mm
r _{1,2} min.	1.5 mm



BEARING FORGE OF AMERICA CORP.

D _a max.	121 mm
r _a max.	1.5 mm
Basic dynamic load rating C	217 kN
Basic static load rating C ₀	240 kN
Fatigue load limit P _u	26.5 kN
Calculation factor e	0.22
Calculation factor Y ₁	3
Calculation factor Y ₂	4.6
Calculation factor Y ₀	2.8
Mass bearing	1.65 kg
Recommended lock nut tightening angle	130 °