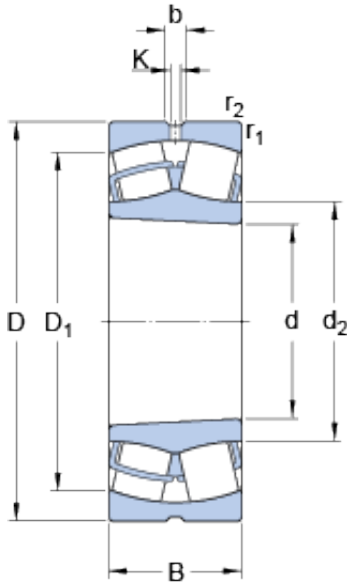




# BEARING MANUFACTURING DE MEXICO, S.A.D...



35 mm x 72 mm x 23 mm SKF 22207 EK  
spherical roller bearings

Bearing No. 22207 EK

22207 EK Bearing 2D drawings and 3D CAD models

Size	72x35x23 mm
Bore Diameter	72 mm
Outer Diameter	35 mm
Width	23 mm
d	35 mm
D	72 mm
B	23 mm
d <sub>2</sub>	44.5 mm
D <sub>1</sub>	61.8 mm
b	3.7 mm
K	2 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	40 mm
d <sub>a</sub> - max.	44 mm
D <sub>a</sub> - max.	65 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	88.8 kN
Basic static load rating - C <sub>0</sub>	83 kN
Fatigue load limit - P <sub>u</sub>	9.2 kN
Reference speed	9000 r/min
Limiting speed	12000 r/min
Calculation factor - e	0.31
Calculation factor - Y <sub>1</sub>	2.2
Calculation factor - Y <sub>2</sub>	3.3



## BEARING MANUFACTURING DE MEXICO,S.A.D...

Calculation factor - $Y_0$	2.2
Category	Spherical Roller Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.448
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
Inch - Metric	Metric
Long Description	35MM Tapered Bore; 72MM Outside Diameter; 23MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Num
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
Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>



## BEARING MANUFACTURING DE MEXICO, S.A.D...

Weight / LBS	0.986
Outside Diameter	2.835 Inch   72 Millimeter
Width	0.906 Inch   23 Millimeter
Bore	1.378 Inch   35 Millimeter
Adapter Part Number	SNW07 H307 HA307 HE307 HS307 (Specify bore) Inch   H307 (Specify bore) Millimeter
bore diameter:	35 mm
maximum rpm:	12000 RPM
outside diameter:	72 mm
operating temperature range:	Maximum of +390 ° F
overall width:	4.3800 in
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:	23 mm
dynamic load capacity:	86.5 kN
fillet radius:	1 mm
static load capacity:	85 kN
series:	222
d <sub>2</sub>	44.5 mm
D <sub>1</sub>	61.8 mm
r <sub>1,2</sub> min.	1.1 mm
D <sub>a</sub> max.	65 mm



## BEARING MANUFACTURING DE MEXICO,S.A.D...

$r_a$ max.	1 mm
Basic dynamic load rating C	88.8 kN
Basic static load rating $C_0$	85 kN
Fatigue load limit $P_u$	9.3 kN
Calculation factor e	0.31
Calculation factor $Y_1$	2.2
Calculation factor $Y_2$	3.3
Calculation factor $Y_0$	2.2
Mass bearing	0.44 kg
Recommended lock nut tightening angle	115 °