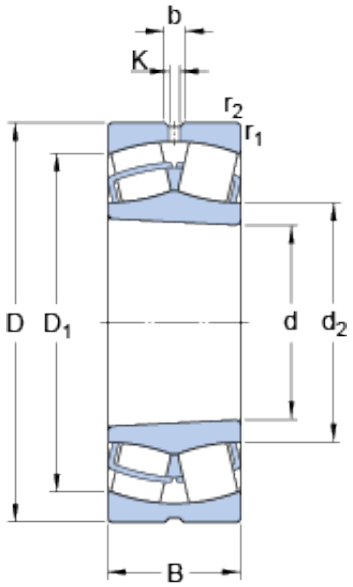
Loyal | 22207 EK



Bearing No. 22207 EK

K	2 mm
b	3.7 mm
d	35 mm
D	72 mm
B	23 mm
Bore	1.378 Inch | 35 Millimeter
Noun	Bearing
Width	0.906 Inch | 23 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Enclosure	Open
Inventory	1.0
Size (mm)	72x35x23
Width (mm)	23
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Bore Profile	Tapered
maximum rpm:	12000 RPM
Mass bearing	0.44 kg
Weight / LBS	0.986
Product Group	B04311
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
D_1	61.8 mm
d_2	44.5 mm
Keyword String	Spherical

bore diameter:	35 mm
cage material:	Steel
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
fillet radius:	1 mm
Relubricatable	Yes
overall width:	4.3800 in
Bearing number	22207 EK
Limiting speed	12000 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	9000 r/min
Manufacturer URL	http://www.skf.com
Outside Diameter	2.835 Inch | 72 Millimeter
outer ring type:	Not Split
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
Weight / Kilogram	0.448
precision rating:	Not Rated
Manufacturer Name	SKF
bearing material:	Steel
outer ring width:	23 mm
outside diameter:	72 mm

Bore Diameter (mm)	72
r_a max.	1 mm
D_a max.	65 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Adapter Part Number	SNW07 H307 HA307 HE307 HS307 (Specify bore) Inch | H307 (Specify bore) Millimeter
Outer Diameter (mm)	35
d_a - min.	40 mm
$r_{1,2}$ min.	1.1 mm
d_a - max.	44 mm
Calculation factor e	0.31
r_a - max.	1 mm
Minimum Buy Quantity	N/A
D_a - max.	65 mm
d_2 ?	44.5 mm
D_1 ?	61.8 mm
static load capacity:	85 kN
$r_{1,2}$ - min.	1.1 mm
Calculation factor - e	0.31
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
dynamic load capacity:	86.5 kN
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	88.8 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	88.8 kN
Calculation factor Y_2	3.3

Calculation factor Y_1	2.2
Calculation factor Y_0	2.2
Fatigue load limit P_u	9.3 kN
Calculation factor - Y_0	2.2
Fatigue load limit - P_u	9.2 kN
Calculation factor - Y_1	2.2
Calculation factor - Y_2	3.3
Basic static load rating C_0	85 kN
Basic static load rating - C_0	83 kN
Recommended lock nut tightening angle ?	115 °