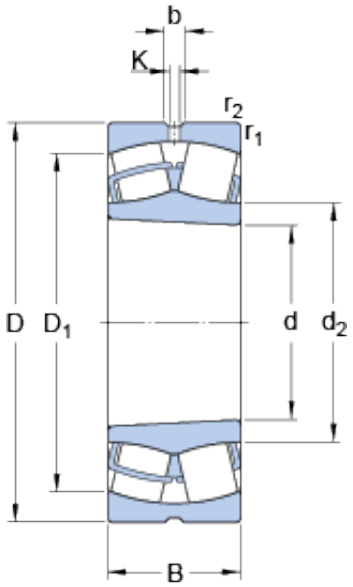
Loyal | 22208 EK



Bearing No. 22208 EK

D	80 mm
d	40 mm
B	23 mm
b	6 mm
K	3 mm
Noun	Bearing
Bore	1.575 Inch | 40 Millimeter
Width	0.906 Inch | 23 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	80x40x23
Inventory	0.0
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	23
Bore Profile	Tapered
maximum rpm:	11000 RPM
Weight / LBS	1.151
Mass bearing	0.52 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
D_1	69.4 mm
d_2	49.6 mm
Cage Material	Steel
Relubricatable	Yes

Withdrawal Nut	KM9
Bearing number	22208 EK
Keyword String	Spherical
bore diameter:	40 mm
cage material:	Steel
fillet radius:	1 mm
overall width:	23 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	11000 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	8000 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	40MM Tapered Bore; 80MM Outside Diameter; 23MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Num
Outside Diameter	3.15 Inch | 80 Millimeter
outer ring width:	23 mm
precision rating:	Not Rated
outside diameter:	80 mm
bearing material:	Steel
Manufacturer Name	SKF
Weight / Kilogram	0.52

Withdrawal Sleeve	AH308 (Specify bore)
Bore Diameter (mm)	80
r_a max.	1 mm
D_a max.	73 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Adapter Part Number	SNW08 H308 HA308 HE308 HS308 (Specify Bore) Inch | H308 (Specify bore) Millimeter
Outer Diameter (mm)	40
$r_{1,2}$ min.	1.1 mm
d_a - min.	45 mm
d_a - max.	49 mm
Calculation factor e	0.28
Minimum Buy Quantity	N/A
D_a - max.	73 mm
r_a - max.	1 mm
D_1 ?	69.4 mm
d_2 ?	49.6 mm
static load capacity:	90 kN
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	1.1 mm
dynamic load capacity:	96.5 kN
Calculation factor - e	0.28
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	98.5 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	98.5 kN

Calculation factor Y_1	2.4
Calculation factor Y_2	3.6
Calculation factor Y_0	2.5
Fatigue load limit P_u	9.8 kN
Calculation factor - Y_1	2.4
Fatigue load limit - P_u	10 kN
Calculation factor - Y_0	2.5
Calculation factor - Y_2	3.6
Basic static load rating C_0	90 kN
Basic static load rating - C_0	91.5 kN
Recommended lock nut tightening angle ?	115 °