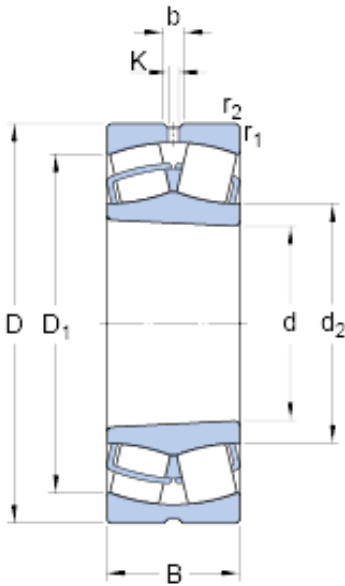




## Bearing company

50 mm x 90 mm x 23 mm skf 22210 ek bearing

Bearing No. 22210 ek



22210 ek Bearing 2D drawings and 3D CAD models

Size	90x50x23 mm
Bore Diameter	90 mm
Outer Diameter	50 mm
Width	23 mm
d	50 mm
D	90 mm
B	23 mm
d <sub>2</sub>	60 mm
D <sub>1</sub>	79 mm
b	5.5 mm
K	3 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	55 mm
d <sub>a</sub> - max.	60 mm
D <sub>a</sub> - max.	83 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	107 kN
Basic static load rating - C <sub>0</sub>	108 kN
Fatigue load limit - P <sub>u</sub>	12 kN
Reference speed	7000 r/min
Limiting speed	9500 r/min
Calculation factor - e	0.24
Calculation factor - Y <sub>1</sub>	2.8
Calculation factor - Y <sub>2</sub>	4.2
Calculation factor - Y <sub>0</sub>	2.8



## Bearing company

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.627
EAN	7316571905242
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	AHX310 (Specify Bore)
Withdrawal Nut	KM11
Inch - Metric	Metric
Long Description	50MM Tapered Bore; 90MM 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



## Bearing company

Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	1.382
Adapter Part Number	SNW10 H310 HA310 HE310 HS310 (Specify Bore) Inch   H310 (Specify bore) Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Bore	1.969 Inch   50 Millimeter
Width	0.906 Inch   23 Millimeter
bore diameter:	50 mm
maximum rpm:	9500 RPM
outside diameter:	90 mm
operating temperature range:	Maximum of +390 ° F
overall width:	23 mm
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:	104 kN
fillet radius:	1 mm
static load capacity:	108 kN
series:	222
d <sub>2</sub>	60 mm
D <sub>1</sub>	79 mm



## Bearing company

$r_{1,2}$ min.	1.1 mm
$D_a$ max.	83 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	107 kN
Basic static load rating $C_0$	108 kN
Fatigue load limit $P_u$	11.8 kN
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	0.62 kg
Recommended lock nut tightening angle	130 °