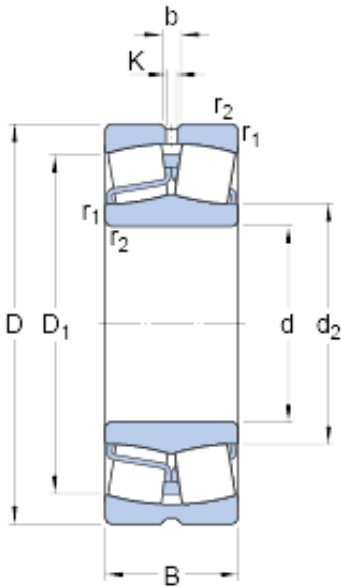




## Bearing company

70 mm x 125 mm x 31 mm skf 22214 e bearing

Bearing No. 22214 e



22214 e Bearing 2D drawings and 3D CAD models

Size	125x70x31 mm
Bore Diameter	125 mm
Outer Diameter	70 mm
Width	31 mm
d	70 mm
D	125 mm
B	31 mm
d <sub>2</sub>	83 mm
D <sub>1</sub>	111 mm
b	6 mm
K	3 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	79 mm
D <sub>a</sub> - max.	116 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	213 kN
Basic static load rating - C <sub>0</sub>	228 kN
Fatigue load limit - P <sub>u</sub>	25.5 kN
Reference speed	5000 r/min
Limiting speed	6700 r/min
Calculation factor - e	0.23
Calculation factor - Y <sub>1</sub>	2.9
Calculation factor - Y <sub>2</sub>	4.4
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	1.651
EAN	7316576652356
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
Long Description	70MM Straight Bore; 125MM Outside Diameter; 31MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
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>
Weight / LBS	3.637
Width	1.22 Inch   31 Millimeter



## Bearing company

Outside Diameter	4.921 Inch   125 Millimeter
Bore	2.756 Inch   70 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
bore diameter:	70 mm
maximum rpm:	6700 RPM
outside diameter:	125 mm
operating temperature range:	Maximum of +390 ° F
overall width:	31 mm
cage material:	Steel
bore type:	Straight
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:	208 kN
series:	222
static load capacity:	228 kN
$d_2$	83 mm
$D_1$	111 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	79 mm
$D_a$ max.	116 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	213 kN
Basic static load rating $C_0$	228 kN
Fatigue load limit $P_u$	25.5 kN



## Bearing company

Calculation factor e	0.23
Calculation factor $Y_1$	2.9
Calculation factor $Y_2$	4.4
Calculation factor $Y_0$	2.8
Mass bearing	1.55 kg