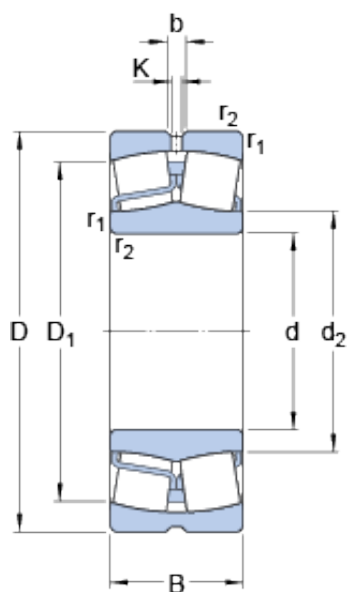




Bearing No. 22214 E

b	6 mm
K	3 mm
d	70 mm
D	125 mm
B	31 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
Width	1.22 Inch 31 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	125x70x31
Enclosure	Open
Inventory	0.0
Width (mm)	31
bore type:	Straight
maximum rpm:	6700 RPM
Weight / LBS	3.637
Bore Profile	Straight
Mass bearing	1.55 kg
Cage Material	Steel
closure type:	Open
d ₂	83 mm
D ₁	111 mm
Inch - Metric	Metric
Product Group	B04311
Limiting speed	6700 r/min
fillet radius:	1.5 mm
cage material:	Steel

overall width:	31 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
bore diameter:	70 mm
Bearing number	22214 E
finish/coating:	Uncoated
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	5000 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
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
Outside Diameter	4.921 Inch 125 Millimeter
outer ring width:	31 mm
precision rating:	Not Rated
outside diameter:	125 mm
Manufacturer Name	SKF
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Weight / Kilogram	1.651
Bore Diameter (mm)	125
Internal Clearance	C0-Medium
r _a max.	1.5 mm
D _a max.	116 mm

d _a min.	79 mm
Outer Diameter (mm)	70
internal clearance:	C0
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
d _a - min.	79 mm
r _a - max.	1.5 mm
Calculation factor e	0.23
D _a - max.	116 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	1.5 mm
D ₁ ?	111 mm
d ₂ ?	83 mm
static load capacity:	228 kN
dynamic load capacity:	208 kN
lubrication hole type:	Lubrication Groove & Hole
Calculation factor - e	0.23
Harmonized Tariff Code	84823080
r _{1,2} - min.	1.5 mm
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	213 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	213 kN
Calculation factor Y ₀	2.8
Calculation factor Y ₂	4.4
Calculation factor Y ₁	2.9
Fatigue load limit P _u	25.5 kN
Calculation factor - Y ₁	2.9
Fatigue load limit - P _u	25.5 kN

Calculation factor - Y_2	4.4
Calculation factor - Y_0	2.8
Basic static load rating C_0	228 kN
Basic static load rating - C_0	228 kN