



Bearing company



22210 e Bearing 2D drawings and 3D CAD models

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

Bearing No. 22210 e

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.64
EAN	7316571905150
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	50MM Straight Bore; 90MM Outside Diameter; 23MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



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Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	1.409
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
D	3.543 Inch 90 Millimeter
d	1.969 Inch 50 Millimeter
B	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:	Straight
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	50 mm
D	90 mm



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B	23 mm
d_2	60 mm
D_1	79 mm
b	5.5 mm
K	3 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	57 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
Reference speed	7000 r/min
Limiting speed	9500 r/min
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	0.63 kg