



Bearing company



22208 e Bearing 2D drawings and 3D CAD models

40 mm x 80 mm x 23 mm skf 22208 e bearing

Bearing No. 22208 e

Category	Spherical Roller Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.53
EAN	7316576651922
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	40MM Straight Bore; 80MM 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	1.175
B	0.906 Inch 23 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
D	3.15 Inch 80 Millimeter
d	1.575 Inch 40 Millimeter
bore diameter:	40 mm
maximum rpm:	11000 RPM
outside diameter:	80 mm
operating temperature range:	Maximum of +390 ° F
overall width:	4.3800 in
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:	96.5 kN
fillet radius:	1 mm
static load capacity:	90 kN
series:	222
d	40 mm
D	80 mm



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B	23 mm
d_2	49.6 mm
D_1	69.4 mm
b	6 mm
K	3 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	47 mm
D_a max.	73 mm
r_a max.	1 mm
Basic dynamic load rating C	98.5 kN
Basic static load rating C_0	90 kN
Fatigue load limit P_u	9.8 kN
Reference speed	8000 r/min
Limiting speed	11000 r/min
Calculation factor e	0.28
Calculation factor Y_1	2.4
Calculation factor Y_2	3.6
Calculation factor Y_0	2.5
Mass bearing	0.53 kg