



Bearing company



22318 e Bearing 2D drawings and 3D CAD models

90 mm x 190 mm x 64 mm skf 22318 e bearing

Bearing No. 22318 e

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	8.823
EAN	7316570290394
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	90MM Straight Bore; 190MM Outside Diameter; 64MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



Bearing company

Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	19.434
B	2.52 Inch 64 Millimeter
D	7.48 Inch 190 Millimeter
d	3.543 Inch 90 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
bore diameter:	90 mm
maximum rpm:	3600 RPM
outside diameter:	190 mm
operating temperature range:	Maximum of +390 ° F
overall width:	64 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:	64 mm
dynamic load capacity:	610 kN
fillet radius:	2.5 mm
static load capacity:	695 kN
series:	223
d	90 mm
D	190 mm



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B	64 mm
d_2	113 mm
D_1	161 mm
b	11.1 mm
K	6 mm
$r_{1,2}$ min.	3 mm
d_a min.	104 mm
D_a max.	176 mm
r_a max.	2.5 mm
Basic dynamic load rating C	637 kN
Basic static load rating C_0	695 kN
Fatigue load limit P_u	67 kN
Reference speed	2600 r/min
Limiting speed	3600 r/min
Calculation factor e	0.33
Calculation factor Y_1	2
Calculation factor Y_2	3
Calculation factor Y_0	2
Mass bearing	9.05 kg