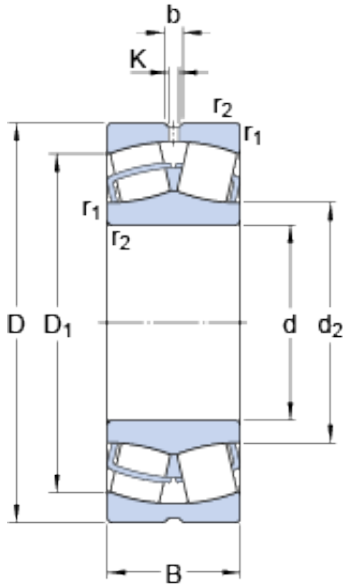




Air Suspension Bearing Co., Ltd

40 mm x 90 mm x 33 mm SKF 22308 E spherical roller bearings

Bearing No. 22308 E



22308 E Bearing 2D drawings and 3D CAD models

Size	90x40x33 mm
Bore Diameter	90 mm
Outer Diameter	40 mm
Width	33 mm
d	40 mm
D	90 mm
B	33 mm
d ₂	49.9 mm
D ₁	74.3 mm
b	6 mm
K	3 mm
r _{1,2} - min.	1.5 mm
d _a - min.	49 mm
D _a - max.	81 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	155 kN
Basic static load rating - C ₀	137 kN
Fatigue load limit - P _u	14.6 kN
Reference speed	6000 r/min
Limiting speed	8000 r/min
Calculation factor - e	0.37
Calculation factor - Y ₁	1.8
Calculation factor - Y ₂	2.7
Calculation factor - Y ₀	1.8



Air Suspension Bearing Co., Ltd

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.033
EAN	7316571570518
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; 90MM Outside Diameter; 33MM 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	http://www.skf.com
Weight / LBS	2.266
Width	1.299 Inch 33 Millimeter



Air Suspension Bearing Co., Ltd

Bore	1.575 Inch 40 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
bore diameter:	40 mm
maximum rpm:	8000 RPM
outside diameter:	90 mm
operating temperature range:	Maximum of +390 ° F
overall width:	33 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:	33 mm
dynamic load capacity:	150 kN
fillet radius:	1.5 mm
static load capacity:	140 kN
series:	223
d_2	49.9 mm
D_1	74.3 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	49 mm
D_a max.	81 mm
r_a max.	1.5 mm
Basic dynamic load rating C	155 kN
Basic static load rating C_0	140 kN



Air Suspension Bearing Co., Ltd

Fatigue load limit P_u	15 kN
Calculation factor e	0.37
Calculation factor Y_1	1.8
Calculation factor Y_2	2.7
Calculation factor Y_0	1.8
Mass bearing	1.05 kg