



BEARING MFG. CORP.



105 mm x 225 mm x 49 mm 29372-E-MB Thrust Spherical Roller Bearing 360x560x122mm

Bearing No. 6321

6321 Bearing 2D drawings and 3D CAD models

Size	225x105x49 mm
Bore Diameter	225 mm
Outer Diameter	105 mm
Width	49 mm
d	105 mm
D	225 mm
B	49 mm
d ₁	141.5 mm
D ₁	187.95 mm
r _{1,2} - min.	3 mm
d _a - min.	119 mm
D _a - max.	211 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	182 kN
Basic static load rating - C ₀	153 kN
Fatigue load limit - P _u	5.1 kN
Reference speed	6300 r/min
Limiting speed	4000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	8.1
EAN	7316576619779
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	105MM Bore; 225MM Outside Diameter; 49MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6321
Weight / LBS	17.83
Bore	4.134 Inch 105 Millimeter
Outside Diameter	8.858 Inch 225 Millimeter
Outer Race Width	1.929 Inch 49 Millimeter
bore diameter:	105 mm
static load capacity:	153 kN
outside diameter:	225 mm



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precision rating:	ABEC 1 (ISO Class Normal)
overall width:	49 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	49 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4000 RPM
internal clearance:	C0
series:	63
dynamic load capacity:	182 kN
d_1	141.5 mm
D_1	187.95 mm
$r_{1,2}$ min.	3 mm
d_a min.	119 mm
D_a max.	211 mm
r_a max.	2.5 mm
Basic dynamic load rating C	182 kN
Basic static load rating C_0	153 kN
Fatigue load limit P_u	5.1 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Mass bearing	8.18 kg