



NTN Bearing de Mexico, S.A.



1302 ETN9 Bearing 2D drawings and 3D CAD models

15 mm x 42 mm x 13 mm SKF 1302 ETN9 Self Aligning Ball Bearings

Bearing No. 1302 ETN9

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.093
EAN	7316576608605
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Polyamide
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg High Capacity Design
Long Description	15MM Bore; Shaft Mount; 42MM Outside Diameter; 13MM Inner Race Width; 13MM Outer Race Width; Open; Polyamide Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



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Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1302 ETN9
Weight / LBS	0.207
Inner Race Width	0.512 Inch 13 Millimeter
D	1.654 Inch 42 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter
d	0.591 Inch 15 Millimeter
bore diameter:	15 mm
precision rating:	Not Rated
outside diameter:	42 mm
maximum rpm:	24000 RPM
overall width:	13 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	3 °
internal clearance:	C0
outer ring width:	13 mm
dynamic load capacity:	10.8 kN
fillet radius:	1 mm
static load capacity:	2.6 kN
series:	1300
d	15 mm
D	42 mm
B	13 mm
d ₁	23.9 mm
D ₁	34.3 mm
r _{1,2} min.	1 mm
d _a min.	20.6 mm
D _a max.	36.4 mm



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r_a max.	1 mm
Basic dynamic load rating C	10.8 kN
Basic static load rating C_0	2.6 kN
Fatigue load limit P_u	0.14 kN
Reference speed	34000 r/min
Limiting speed	24000 r/min
Permissible angular misalignment	3 °
Calculation factor k_r	0.04
Calculation factor e	0.31
Calculation factor Y_0	2.2
Calculation factor Y_1	2
Calculation factor Y_2	3.1
Mass bearing	0.094 kg