



Bearing No. 1312 ETN9

D	130 mm
d	60 mm
B	31 mm
Bore	2.362 Inch 60 Millimeter
Noun	Bearing
UNSPSC	31171532
series:	1300
Category	Self Aligning Ball Bearings
Enclosure	Open
Inventory	0.0
Size (mm)	130x60x31
Width (mm)	31
bore type:	Straight
Weight / LBS	4.299
Mass bearing	1.95 kg
maximum rpm:	6300 RPM
Product Group	B00152
closure type:	Open
D ₁	116.7 mm
Inch - Metric	Metric
d ₁	91.61 mm
Cage Material	Polyamide
bore diameter:	60 mm
overall width:	31 mm
Keyword String	Self Aligning
cage material:	Fiberglass Reinforced Nylon
Other Features	Allowable Misalignment 3 Deg High Capacity

	Design
fillet radius:	2 mm
Bearing number	1312 ETN9
Limiting speed	6300 r/min
Mounting Method	Shaft
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	9000 r/min
Outside Diameter	5.118 Inch 130 Millimeter
Inner Race Width	1.22 Inch 31 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	60MM Bore; Shaft Mount; 130MM Outside Diameter; 31MM Inner Race Width; 31MM Outer Race Width; Open; Polyamide Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Outer Race Width	1.22 Inch 31 Millimeter
outer ring width:	31 mm
Weight / Kilogram	1.95
precision rating:	Not Rated
Manufacturer Name	SKF
outside diameter:	130 mm
Bore Diameter (mm)	130
D _a max.	118 mm
r _a max.	2 mm
Internal Clearance	C0-Medium
d _a min.	72 mm
Outer Diameter (mm)	60
internal clearance:	C0

$r_{1,2}$ min.	2.1 mm
Calculation factor e	0.22
d_a - min.	72 mm
D_a - max.	118 mm
r_a - max.	2 mm
Minimum Buy Quantity	N/A
static load capacity:	22 kN
D_1 ?	116.7 mm
maximum misalignment:	3 °
d_1 ?	91.61 mm
Calculation factor - e	0.22
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	58.5 kN
Number of Rows of Balls	Double Row
Manufacturer Item Number	1312 ETN9
Basic dynamic load rating C	58.5 kN
Basic dynamic load rating - C	58.5 kN
Fatigue load limit P_u	1.12 kN
Calculation factor Y_2	4.5
Calculation factor Y_1	2.9
Calculation factor Y_0	2.8
Calculation factor k_r	0.04
Calculation factor - k_r	0.04
Calculation factor - Y_2	4.5
Calculation factor - Y_1	2.9
Fatigue load limit - P_u	1.1 kN
Calculation factor - Y_0	2.8
Permissible angular misalignment ?	3 °

Basic static load rating C_0	22 kN
Basic static load rating - C_0	22 kN