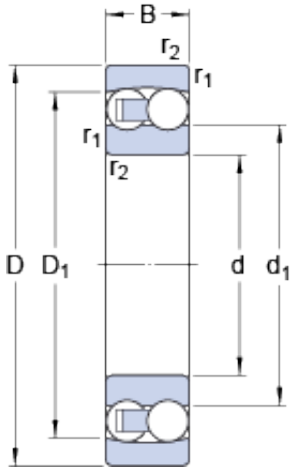
Loyal | 1201 ETN9



Bearing No. 1201 ETN9

D	32 mm
d	12 mm
B	10 mm
Bore	0.472 Inch | 12 Millimeter
Noun	Bearing
UNSPSC	31171532
series:	1200
Category	Self Aligning Ball Bearings
Enclosure	Open
Inventory	0.0
Size (mm)	32x12x10
Width (mm)	10
bore type:	Straight
Weight / LBS	0.088
Mass bearing	0.04 kg
maximum rpm:	32000 RPM
Product Group	B00152
closure type:	Open
D_1	25.7 mm
Inch - Metric	Metric
d_1	18.2 mm
Cage Material	Polyamide
bore diameter:	12 mm
overall width:	10 mm
Keyword String	Self Aligning
cage material:	Fiberglass Reinforced Nylon
Other Features	Allowable Misalignment 2.5 Deg | High Capacity

	Design
fillet radius:	0.6 mm
Bearing number	1201 ETN9
Limiting speed	32000 r/min
Mounting Method	Shaft
Rolling Element	Ball Bearing
Precision Class	ABEC 1 | ISO P0
Reference speed	50000 r/min
finish/coating:	Uncoated
Outer Race Width	0.394 Inch | 10 Millimeter
Inner Race Width	0.394 Inch | 10 Millimeter
Outside Diameter	1.26 Inch | 32 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	12MM Bore; Shaft Mount; 32MM Outside Diameter; 10MM Inner Race Width; 10MM Outer Race Width; Open; Polyamide Cage; Double Row of Balls; ABEC 1 | ISO P0; C0-Medium
outer ring width:	10 mm
Weight / Kilogram	0.044
precision rating:	Not Rated
Manufacturer Name	SKF
outside diameter:	32 mm
Bore Diameter (mm)	32
D_a max.	27.8 mm
r_a max.	0.6 mm
Internal Clearance	C0-Medium
d_a min.	16.2 mm
Outer Diameter (mm)	12

internal clearance:	C0
$r_{1,2}$ min.	0.6 mm
Calculation factor e	0.33
d_a - min.	16.2 mm
D_a - max.	27.8 mm
r_a - max.	0.6 mm
Minimum Buy Quantity	N/A
static load capacity:	1.43 kN
D_1 ?	25.7 mm
maximum misalignment:	2.5 °
d_1 ?	18.2 mm
Calculation factor - e	0.33
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.6 mm
dynamic load capacity:	6.24 kN
Number of Rows of Balls	Double Row
Manufacturer Item Number	1201 ETN9
Basic dynamic load rating C	6.24 kN
Basic dynamic load rating - C	6.2 kN
Fatigue load limit P_u	0.072 kN
Calculation factor Y_2	3
Calculation factor Y_1	1.9
Calculation factor Y_0	2
Calculation factor k_r	0.04
Calculation factor - k_r	0.04
Calculation factor - Y_2	3
Calculation factor - Y_1	1.9
Fatigue load limit - P_u	0.072 kN
Calculation factor - Y_0	2

Permissible angular misalignment ?	2.5 °
Basic static load rating C_0	1.43 kN
Basic static load rating - C_0	1.4 kN