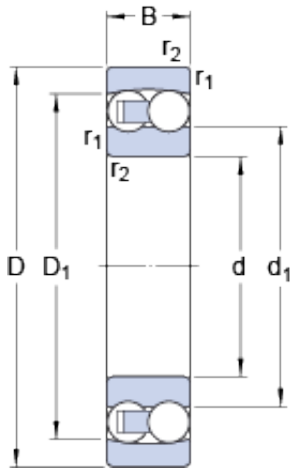




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17 mm x 47 mm x 14 mm SKF 1303 ETN9 Self aligning ball bearing

Bearing No. 1303 ETN9

1303 ETN9 Bearing 2D drawings and 3D CAD models

Size	47x17x14 mm
Bore Diameter	47 mm
Outer Diameter	17 mm
Width	14 mm
d	17 mm
D	47 mm
B	14 mm
d ₁	28.88 mm
D ₁	40 mm
r _{1,2} - min.	1 mm
d _a - min.	22.6 mm
D _a - max.	41.4 mm
r _a - max.	1 mm
Basic dynamic load rating - C	12.7 kN
Basic static load rating - C ₀	3.4 kN
Fatigue load limit - P _u	0.18 kN
Reference speed	28000 r/min
Limiting speed	20000 r/min
Calculation factor - k _r	0.04
Calculation factor - e	0.3
Calculation factor - Y ₀	2.2
Calculation factor - Y ₁	2.1
Calculation factor - Y ₂	3.3



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Category	Self Aligning Ball Bearings
Inventory	4.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.128
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	17MM Bore; Shaft Mount; 47MM Outside Diameter; 14MM Inner Race Width; 14MM 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
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1303 ETN9
Weight / LBS	0.282
Inner Race Width	0.551 Inch 14 Millimeter
Outer Race Width	0.551 Inch 14 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter



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Bore	0.669 Inch 17 Millimeter
bore diameter:	17 mm
precision rating:	Not Rated
outside diameter:	47 mm
maximum rpm:	20000 RPM
overall width:	14 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	3 °
internal clearance:	C0
outer ring width:	14 mm
dynamic load capacity:	12.7 kN
fillet radius:	1 mm
static load capacity:	3.4 kN
series:	1300
d_1	28.88 mm
D_1	40 mm
$r_{1,2}$ min.	1 mm
d_a min.	22.6 mm
D_a max.	41.4 mm
r_a max.	1 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating C_0	3.4 kN
Fatigue load limit P_u	0.18 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.04
Calculation factor e	0.3
Calculation factor Y_0	2.2
Calculation factor Y_1	2.1
Calculation factor Y_2	3.3



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Mass bearing	0.12 kg
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