



SNR Bearing Argentina



50 mm x 110 mm x 27 mm skf 310 Deep groove ball bearings

Bearing No. 310

310 Bearing 2D drawings and 3D CAD models

Size	50x110x27 mm
Bore Diameter	50 mm
Outer Diameter	110 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
C	27 mm
d1	68,7 mm
r1 min.	2 mm
r2 min.	2 mm
D2	95,2 mm
da min.	61 mm
da max	68,6 mm
Da max.	99 mm
ra max.	2 mm
Weight	1,15 Kg
Basic dynamic load rating (C)	64,4 kN
Basic static load rating (C0)	52 kN
Fatigue load limit (Pu)	2,2
Reference speed	11000 r/min
Limiting speed	7000 r/min
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	1.187
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	50MM Bore; 110MM Outside Diameter; 27MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; Yes 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	310
Weight / LBS	2.62
Outer Race Width	1.063 Inch 27 Millimeter
Bore	1.969 Inch 50 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
bore diameter:	50 mm
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	110 mm



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finish/coating:	Uncoated
overall width:	27 mm
cage material:	Steel
bore type:	Round
outer ring width:	27 mm
closure type:	Open
fillet radius:	2 mm
row type & fill slot:	Single Row Filling Slot
maximum rpm:	7000 RPM
internal clearance:	C0
series:	31
dynamic load capacity:	64.4 kN
thrust application warning:	This product can not be used in Thrust Applications
static load capacity:	52 kN
d_1	68.76 mm
D_2	95.2 mm
$r_{1,2}$ min.	2 mm
d_a min.	61 mm
D_a max.	99 mm
r_a max.	2 mm
Basic dynamic load rating C	64.4 kN
Basic static load rating C_0	52 kN
Fatigue load limit P_u	2.2 kN
Calculation factor k_r	0.05
Mass bearing	1.15 kg