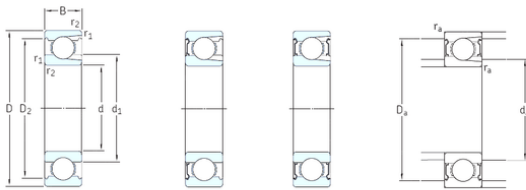




# BEARING USA CORP.



## 50 mm x 110 mm x 27 mm DB59722 Needle Roller Bearing 35.2x57.2x17.8mm

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



## BEARING USA CORP.

Minimum Buy Quantity	N/A
Weight / Kilogram	1.187
EAN	7316576680434
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	<a href="http://www.skf.com">http://www.skf.com</a>
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)



## BEARING USA CORP.

outside diameter:	110 mm
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