



Bearing No. 310

D	110 mm
d	50 mm
B	27 mm
C	27 mm
d1	68,7 mm
D2	95,2 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
da max	68,6 mm
UNSPSC	31171504
Weight	1,15 Kg
ra max.	2 mm
Da max.	99 mm
da min.	61 mm
r2 min.	2 mm
r1 min.	2 mm
series:	31
Category	Single Row Ball Bearing
Size (mm)	50x110x27
Snap Ring	No
Inventory	1.0
Enclosure	Open
Width (mm)	27
bore type:	Round
Weight / LBS	2.62
maximum rpm:	7000 RPM
Mass bearing	1.15 kg
Cage Material	Steel
Product Group	B00308

closure type:	Open
Inch - Metric	Metric
bore diameter:	50 mm
Keyword String	Ball
overall width:	27 mm
cage material:	Steel
fillet radius:	2 mm
Bearing number	310
Limiting speed	7000 r/min
Reference speed	11000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outside Diameter	4.331 Inch 110 Millimeter
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
Outer Race Width	1.063 Inch 27 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	1.187
outer ring width:	27 mm
Manufacturer Name	SKF
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	110 mm
da min.	61 mm
Bore Diameter (mm)	50
Da max.	99 mm
ra max.	2 mm

Internal Clearance	C0-Medium
Outer Diameter (mm)	110
internal clearance:	C0
Minimum Buy Quantity	N/A
r1,2 min.	2 mm
d1 ?	68.76 mm
D2 ?	95.2 mm
row type & fill slot:	Single Row Filling Slot
static load capacity:	52 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	64.4 kN
Fatigue load limit (Pu)	2,2
Manufacturer Item Number	310
Internal Special Features	No
thrust application warning:	This product can not be used in Thrust Applications
Basic dynamic load rating C	64.4 kN
Basic dynamic load rating (C)	64,4 kN
Basic static load rating (C0)	52 kN
Maximum Capacity / Filling Slot	Yes
Fatigue load limit Pu	2.2 kN
Calculation factor kr	0.05
Basic static load rating C0	52 kN