



## Bearing machinery corp.



6310 Bearing 2D drawings and 3D CAD models

SKF Single Row or Double Rows Sealed Energy Efficient Deep Groove Ball Bearing Housing 6310  
66314 6902 4205 8X19X6mm

Bearing No. 6310

Size	110x50x27 mm
Bore Diameter	110 mm
Outer Diameter	50 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
d <sub>1</sub>	68.76 mm
D <sub>2</sub>	95.2 mm
r <sub>1,2</sub>	
d <sub>a</sub> - min.	61 mm
D <sub>a</sub> - max.	99 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	65 kN
Basic static load rating - C <sub>0</sub>	38 kN
Fatigue load limit - P <sub>u</sub>	1.6 kN
Reference speed	13000 r/min
Limiting speed	8500 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



## Bearing machinery corp.

Minimum Buy Quantity	N/A
Weight / Kilogram	1.083
EAN	7316577067739
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
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; No 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	6310
Weight / LBS	2.38
Outer Race Width	1.063 Inch   27 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Bore	1.969 Inch   50 Millimeter
d <sub>1</sub>	68.76 mm
D <sub>2</sub>	95.2 mm



## Bearing machinery corp.

$r_{1,2}$ min.	2 mm
$d_a$ min.	61 mm
$D_a$ max.	99 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	65 kN
Basic static load rating $C_0$	38 kN
Fatigue load limit $P_u$	1.6 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13
Mass bearing	1.08 kg