



6011 Bearing 2D drawings and 3D CAD models

SKF NTN NSK Timken 6011 6012 6013 6014  
 6015 6016 6017 6018 6019 6020 6021 6022 6024  
 6026 6028 6030 Zz Open 2RS Agricultural  
 Machinery Deep Groove Ball Bearing

Bearing No. 6011

Size	90x55x18 mm
Bore Diameter	90 mm
Outer Diameter	55 mm
Width	18 mm
d	55 mm
D	90 mm
B	18 mm
d <sub>1</sub>	66.3 mm
D <sub>2</sub>	81.5 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	61 mm
D <sub>a</sub> - max.	84 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	29.6 kN
Basic static load rating - C <sub>0</sub>	21.2 kN
Fatigue load limit - P <sub>u</sub>	0.9 kN
Reference speed	16000 r/min
Limiting speed	10000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15.4
Category	Single Row Ball Bearings
Inventory	0.0



## China 608zz Bearing Supplier

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.39
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	55MM Bore; 90MM Outside Diameter; 18MM 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	6011
Weight / LBS	0.86
Outside Diameter	3.543 Inch   90 Millimeter
Outer Race Width	0.709 Inch   18 Millimeter
Bore	2.165 Inch   55 Millimeter
d <sub>1</sub>	66.3 mm
D <sub>2</sub>	81.5 mm



## China 608zz Bearing Supplier

$r_{1,2}$ min.	1.1 mm
$d_a$ min.	61 mm
$D_a$ max.	84 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	29.6 kN
Basic static load rating $C_0$	21.2 kN
Fatigue load limit $P_u$	0.9 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.4
Mass bearing	0.38 kg