



Xiangtan Huaxing Material Co., Ltd.



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 ₁	66.3 mm
D ₂	81.5 mm
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
Reference speed	16000 r/min
Limiting speed	10000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	15.4
Category	Single Row Ball Bearings
Inventory	0.0



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Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.39
EAN	7316577740335
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	http://www.skf.com
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 ₁	66.3 mm



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D_2	81.5 mm
$r_{1,2}$ 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