



6411 Bearing 2D drawings and 3D CAD models

## SKF 6411 BALL BEARING

Bearing No. 6411

Size	140x55x33 mm
Bore Diameter	140 mm
Outer Diameter	55 mm
Width	33 mm
d	55 mm
D	140 mm
B	33 mm
d <sub>1</sub>	81.58 mm
D <sub>1</sub>	113.15 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	69 mm
D <sub>a</sub> - max.	126 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	99.5 kN
Basic static load rating - C <sub>0</sub>	62 kN
Fatigue load limit - P <sub>u</sub>	2.6 kN
Reference speed	11000 r/min
Limiting speed	7000 r/min
Calculation factor - k <sub>r</sub>	0.035
Calculation factor - f <sub>0</sub>	12.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.36



## Zhongjia Bearing Co. LTD

EAN	7316576621192
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; 140MM Outside Diameter; 33MM 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	6411
Weight / LBS	5.2
Bore	2.165 Inch   55 Millimeter
Outer Race Width	1.299 Inch   33 Millimeter
Outside Diameter	5.512 Inch   140 Millimeter
bore diameter:	55 mm
static load capacity:	62 kN
outside diameter:	140 mm
precision rating:	ABEC 1 (ISO Class



## Zhongjia Bearing Co. LTD

	Normal)
overall width:	33 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	33 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	7000 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	99.5 kN
$d_1$	81.58 mm
$D_1$	113.15 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	69 mm
$D_a$ max.	126 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	99.5 kN
Basic static load rating $C_0$	62 kN
Fatigue load limit $P_u$	2.6 kN
Calculation factor $k_r$	0.035
Calculation factor $f_0$	12.1
Mass bearing	2.35 kg