



# NTNY BEARING LTD



## 65 mm x 160 mm x 37 mm skf 6413 bearing

Bearing No. 6413

Size	160x65x37 mm
Bore Diameter	160 mm
Outer Diameter	65 mm
Width	37 mm
d	65 mm
D	160 mm
B	37 mm
d <sub>1</sub>	94 mm
D <sub>1</sub>	130.5 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	79 mm
D <sub>a</sub> - max.	146 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	119 kN
Basic static load rating - C <sub>0</sub>	78 kN
Fatigue load limit - P <sub>u</sub>	3.2 kN
Reference speed	9500 r/min
Limiting speed	6000 r/min
Calculation factor - k <sub>r</sub>	0.035
Calculation factor - f <sub>0</sub>	12.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.35

6413 Bearing 2D drawings and 3D CAD models



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EAN	7316576621222
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	65MM Bore; 160MM Outside Diameter; 37MM 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	6413
Weight / LBS	7.38
Bore	2.559 Inch   65 Millimeter
Outside Diameter	6.299 Inch   160 Millimeter
Outer Race Width	1.457 Inch   37 Millimeter
bore diameter:	65 mm
static load capacity:	78 kN
outside diameter:	160 mm
precision rating:	ABEC 1 (ISO Class



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	Normal)
overall width:	37 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	37 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	6000 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	119 kN
$d_1$	94 mm
$D_1$	130.5 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	79 mm
$D_a$ max.	146 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	119 kN
Basic static load rating $C_0$	78 kN
Fatigue load limit $P_u$	3.15 kN
Calculation factor $k_r$	0.035
Calculation factor $f_0$	12.3
Mass bearing	3.37 kg