



# Timken MANUFACTURING (THAILAND)CO.,LTD.



60 mm x 130 mm x 31 mm SKF 6312 deep groove ball bearings

Bearing No. 6312

6312 Bearing 2D drawings and 3D CAD models

Size	130x60x31 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
d <sub>1</sub>	81.86 mm
D <sub>2</sub>	112.2 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	72 mm
D <sub>a</sub> - max.	118 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	85.2 kN
Basic static load rating - C <sub>0</sub>	52 kN
Fatigue load limit - P <sub>u</sub>	2.2 kN
Reference speed	11000 r/min
Limiting speed	7000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



# Timken MANUFACTURING (THAILAND)CO.,LTD.

Weight / Kilogram	1.72
EAN	7316577292155
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	60MM Bore; 130MM Outside Diameter; 31MM 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	6312
Weight / LBS	3.79
Outside Diameter	5.118 Inch   130 Millimeter
Bore	2.362 Inch   60 Millimeter
Outer Race Width	1.22 Inch   31 Millimeter
d <sub>1</sub>	81.86 mm
D <sub>2</sub>	112.2 mm
r <sub>1,2</sub> min.	2.1 mm



## Timken MANUFACTURING (THAILAND)CO.,LTD.

$d_a$ min.	72 mm
$D_a$ max.	118 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	85.2 kN
Basic static load rating $C_0$	52 kN
Fatigue load limit $P_u$	2.2 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.1
Mass bearing	1.72 kg