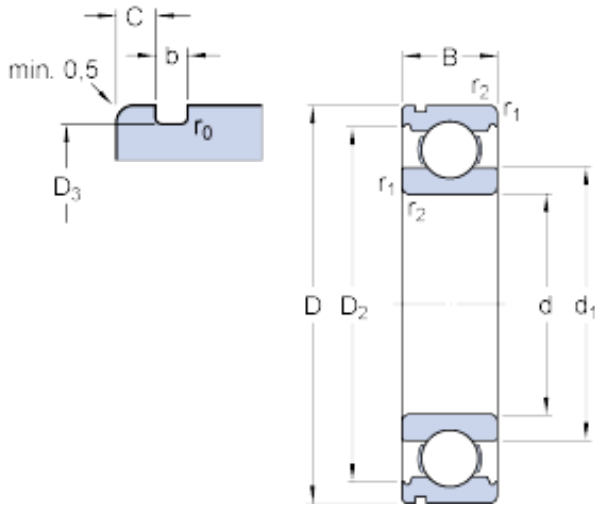




# Timken MANUFACTURING (THAILAND)CO.,LTD.



## 30 mm x 72 mm x 19 mm SKF 6306 N deep groove ball bearings

Bearing No. 6306 N

Size	72x30x19 mm
Bore Diameter	72 mm
Outer Diameter	30 mm
Width	19 mm
d	30 mm
D	72 mm
B	19 mm
d <sub>1</sub>	44.6 mm
D <sub>2</sub>	61.88 mm
D <sub>3</sub>	68.81 mm
b	1.9 mm
C	3.28 mm
r <sub>0</sub>	0.6 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	37 mm
D <sub>a</sub> - max.	65 mm
D <sub>b</sub> - min.	80 mm
b <sub>a</sub> - min.	2.2 mm
C <sub>a</sub> - max.	4.98 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	29.6 kN
Basic static load rating - C <sub>0</sub>	16 kN
Fatigue load limit - P <sub>u</sub>	0.67 kN
Reference speed	20000 r/min

6306 N Bearing 2D drawings and 3D CAD models



# Timken MANUFACTURING (THAILAND)CO.,LTD.

Limiting speed	13000 r/min
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.335
EAN	7316577066831
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	30MM Bore; 72MM Outside Diameter; 19MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove   With Snap Ring Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



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Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	0.77
Bore	1.181 Inch   30 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	2.835 Inch   72 Millimeter
Outer Race Width	0.748 Inch   19 Millimeter
$d_1$	44.6 mm
$D_2$	61.88 mm
$D_3$	68.81 mm
$r_0$ max.	0.6 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	37 mm
$D_a$ max.	65 mm
$D_b$ min.	80 mm
$b_a$ min.	2.2 mm
$C_a$ max.	4.98 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	29.6 kN
Basic static load rating $C_0$	16 kN
Fatigue load limit $P_u$	0.67 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.1
Mass bearing	0.36 kg