



# FTR BEARING WHOLESALE LTD



12 mm x 37 mm x 12 mm skf W 6301 Deep groove ball bearings

Bearing No. W 6301

W 6301 Bearing 2D drawings and 3D CAD models

Size	37x12x12 mm
Bore Diameter	37 mm
Outer Diameter	12 mm
Width	12 mm
d	12 mm
D	37 mm
B	12 mm
d <sub>1</sub>	19.3 mm
D <sub>2</sub>	31.9 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	17 mm
D <sub>a</sub> - max.	32.5 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	9.8 kN
Basic static load rating - C <sub>0</sub>	4.2 kN
Fatigue load limit - P <sub>u</sub>	0.176 kN
Reference speed	48000 r/min
Limiting speed	30000 r/min
Calculation factor - k <sub>r</sub>	0.035
Calculation factor - f <sub>0</sub>	11.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## FTR BEARING WHOLESALE LTD

Weight / Kilogram	0
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	Stainless Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	12MM Bore; 37MM Outside Diameter; 12MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless Steel
Other Features	Deep Groove
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>
Weight / LBS	0.1246
Outside Diameter	1.457 Inch   37 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter
Bore	0.472 Inch   12 Millimeter
Inner Race Width	0 Inch   0 Millimeter
d <sub>1</sub>	19.3 mm
D <sub>2</sub>	31.92 mm



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$r_{1,2}$ min.	1 mm
$d_a$ min.	17 mm
$D_a$ max.	32.5 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	8.32 kN
Basic static load rating $C_0$	4.15 kN
Fatigue load limit $P_u$	0.176 kN
Calculation factor $k_r$	0.035
Calculation factor $f_0$	11.1
Mass bearing	0.055 kg