



# Xili Bearing Co., Ltd



## 25 mm x 47 mm x 12 mm SKF W 6005 deep groove ball bearings

Bearing No. W 6005

W 6005 Bearing 2D drawings and 3D CAD models

Size	47x25x12 mm
Bore Diameter	47 mm
Outer Diameter	25 mm
Width	12 mm
d	25 mm
D	47 mm
B	12 mm
d <sub>1</sub>	31.7 mm
D <sub>2</sub>	42.7 mm
r <sub>1,2</sub> - min.	0.6 mm
d <sub>a</sub> - min.	29 mm
D <sub>a</sub> - max.	44.5 mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	10.1 kN
Basic static load rating - C <sub>0</sub>	5.8 kN
Fatigue load limit - P <sub>u</sub>	0.25 kN
Reference speed	32000 r/min
Limiting speed	20000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	14.5
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## Xili Bearing Co., 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	25MM Bore; 47MM 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	0.1609
Outside Diameter	1.85 Inch   47 Millimeter
Bore	0.984 Inch   25 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter
d <sub>1</sub>	31.7 mm
D <sub>2</sub>	42.73 mm



## Xili Bearing Co., Ltd

$r_{1,2}$ min.	0.6 mm
$d_a$ min.	29 mm
$D_a$ max.	44.5 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	8.71 kN
Basic static load rating $C_0$	5.85 kN
Fatigue load limit $P_u$	0.25 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	14.5
Mass bearing	0.071 kg