



Bearing No. W 6005-2Z

D	47 mm
d	25 mm
B	12 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	47x25x12
Snap Ring	No
Width (mm)	12
Mass bearing	0.077 kg
Weight / LBS	0.182
Inch - Metric	Metric
Cage Material	Stainless Steel
D ₂	42.7 mm
d ₁	31.7 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	W 6005-2Z
Limiting speed	16000 r/min
Rolling Element	Ball Bearing
Reference speed	32000 r/min
Precision Class	ABEC 1 ISO P0
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter

Manufacturer URL	http://www.skf.com
Long Description	25MM Bore; 47MM Outside Diameter; 12MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stai
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	0.077
Manufacturer Name	SKF
D _a max.	44.5 mm
Bore Diameter (mm)	47
d _a max.	31.5 mm
Internal Clearance	C0-Medium
r _a max.	0.6 mm
d _a min.	29 mm
Outer Diameter (mm)	25
r _a - max.	0.6 mm
D _a - max.	44.5 mm
d _a - min.	29 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	0.6 mm
d _a - max.	31.5 mm
D ₂ ?	42.73 mm
d ₁ ?	31.7 mm
r _{1,2} - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	W 6005-2Z
Internal Special Features	No
Basic dynamic load	8.71 kN

rating C	
Basic dynamic load rating - C	10.1 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.25 kN
Calculation factor k_r	0.03
Calculation factor f_0	14.5
Calculation factor - k_r	0.03
Fatigue load limit - P_u	0.25 kN
Calculation factor - f_0	14.5
Basic static load rating C_0	5.85 kN
Basic static load rating - C_0	5.8 kN