



Bearing No. W 61807-2RS1

D	47 mm
d	35 mm
B	7 mm
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	47x35x7
Enclosure	2 Seals
Inventory	0.0
Width (mm)	7
Weight / LBS	0.068
Mass bearing	0.03 kg
Product Group	B00308
d ₁	38.21 mm
D ₂	43.69 mm
Inch - Metric	Metric
Cage Material	Stainless Steel
Bearing number	W 61807-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove NBR Seal
Limiting speed	8500 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Long Description	35MM Bore; 47MM Outside Diameter; 7MM

	Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless Ste
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.276 Inch 7 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.028
r_a max.	0.3 mm
Internal Clearance	C0-Medium
D_a max.	45 mm
d_a max.	38 mm
d_a min.	37 mm
Bore Diameter (mm)	47
Outer Diameter (mm)	35
r_a - max.	0.3 mm
$r_{1,2}$ min.	0.3 mm
D_a - max.	45 mm
d_a - min.	37 mm
d_a - max.	38 mm
Minimum Buy Quantity	N/A
d_1 ?	38.21 mm
D_2 ?	43.69 mm
$r_{1,2}$ - min.	0.3 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	W 61807-2RS1
Internal Special Features	No
Basic dynamic load	3.71 kN

rating C	
Basic dynamic load rating - C	3.7 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.14 kN
Calculation factor k_r	0.02
Calculation factor f_0	14.3
Fatigue load limit - P_u	0.14 kN
Calculation factor - k_r	0.02
Calculation factor - f_0	14.3
Basic static load rating C_0	3.35 kN
Basic static load rating - C_0	3.4 kN