



Bearing No. 61807-2RS1

D	47 mm
d	35 mm
B	7 mm
C	7 mm
D1	44,4 mm
D2	0,3 mm
d1	38,2 mm
d2	- mm
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
UNSPSC	31171504
Weight	0,022 Kg
r2 min.	37 mm
r1 min.	37 mm
da min.	38 mm
Da max.	45 mm
ra max.	0,3 mm
series:	61
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	35x47x7
Snap Ring	No
Enclosure	2 Seals
Width (mm)	7
bore type:	Round
Weight / LBS	0.07
Mass bearing	0.022 kg
maximum rpm:	8500 RPM
Product Group	B00308

closure type:	Double Sealed
Cage Material	Steel
Inch - Metric	Metric
bore diameter:	35 mm
overall width:	7 mm
Keyword String	Ball
cage material:	Steel
fillet radius:	0.3 mm
Bearing number	61807-2RS1
Enclosure Type	Contact Seal
Limiting speed	8500 r/min
Reference speed	– r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outer Race Width	0.276 Inch 7 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
Long Description	35MM Bore; 47MM Outside Diameter; 7MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.032
outer ring width:	7 mm
outside diameter:	47 mm
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)	35
Outer Diameter (mm)	47
internal clearance:	C0
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	0.3 mm
d_1 ?	38.21 mm
D_2 ?	44.4 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	3.35 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	4.36 kN
Calculation factor (f_0)	14
Fatigue load limit (P_u)	0,14
Manufacturer Item Number	61807-2RS1
Internal Special Features	No
Basic dynamic load rating C	4.36 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating (C)	4,36 kN
Basic static load rating (C_0)	3,35 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.14 kN
Calculation factor k_r	0.015
Calculation factor f_0	14.3
Basic static load rating C_0	3.35 kN