



Bearing No. 61820-2RS1

D	125 mm
d	100 mm
B	13 mm
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Size (mm)	125x100x13
Enclosure	2 Seals
Inventory	0.0
Snap Ring	No
Width (mm)	13
bore type:	Round
Weight / LBS	0.73
Mass bearing	0.32 kg
maximum rpm:	3000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	119.3 mm
closure type:	Double Sealed
d ₁	108.3 mm
Keyword String	Ball
bore diameter:	100 mm
cage material:	Steel
fillet radius:	1 mm
Enclosure Type	Contact Seal
overall width:	13 mm

Bearing number	61820-2RS1
Limiting speed	3000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outer Race Width	0.512 Inch 13 Millimeter
Outside Diameter	4.921 Inch 125 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	100MM Bore; 125MM Outside Diameter; 13MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	125 mm
outer ring width:	13 mm
Weight / Kilogram	0.333
Internal Clearance	C0-Medium
D _a max.	120 mm
Bore Diameter (mm)	125
r _a max.	1 mm
d _a min.	105 mm
d _a max.	107.9 mm
Outer Diameter (mm)	100
internal clearance:	C0
d _a - max.	107.9 mm
d _a - min.	105 mm
r _{1,2} min.	1 mm
D _a - max.	120 mm

Minimum Buy Quantity	N/A
r_a - max.	1 mm
D_2 ?	119.3 mm
static load capacity:	18.3 kN
row type & fill slot:	Single Row Non-Fill Slot
d_1 ?	108.3 mm
dynamic load capacity:	17.8 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1 mm
Manufacturer Item Number	61820 2RS1
Internal Special Features	No
Basic dynamic load rating C	17.8 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	17.8 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.95 kN
Calculation factor k_r	0.015
Calculation factor f_0	13.3
Fatigue load limit - P_u	0.95 kN
Calculation factor - k_r	0.015
Calculation factor - f_0	13.3
Basic static load rating C_0	18.3 kN
Basic static load rating - C_0	18.3 kN