



Bearing No. 62312-2RS1

D	130 mm
d	60 mm
B	46 mm
Bore	2.362 Inch 60 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	130x60x46
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	46
bore type:	Round
maximum rpm:	3400 RPM
Weight / LBS	5.478
Mass bearing	2.56 kg
Inch - Metric	Metric
Product Group	B00308
closure type:	Double Sealed
d ₁	81.86 mm
Cage Material	Steel
D ₂	112.2 mm
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Cartridge Bearing
Bearing number	62312-2RS1
bore diameter:	60 mm
overall width:	46 mm

cage material:	Steel
fillet radius:	2 mm
Limiting speed	3400 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outside Diameter	5.118 Inch 130 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.811 Inch 46 Millimeter
Long Description	60MM Bore; 130MM Outside Diameter; 46MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	2.49
Manufacturer Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	130 mm
outer ring width:	46 mm
Bore Diameter (mm)	130
Internal Clearance	C0-Medium
r _a max.	2 mm
d _a min.	72 mm
D _a max.	118 mm
d _a max.	81.8 mm
Outer Diameter (mm)	60
internal clearance:	C0
d _a - min.	72 mm
Minimum Buy Quantity	N/A

r_a - max.	2 mm
$r_{1,2}$ min.	2.1 mm
d_a - max.	81.8 mm
D_a - max.	118 mm
static load capacity:	52 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	112.2 mm
d_1 ?	81.86 mm
dynamic load capacity:	81.9 kN
$r_{1,2}$ - min.	2.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	62312-2RS1
Internal Special Features	No
Basic dynamic load rating C	81.9 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	81.9 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.2 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Calculation factor - k_r	0.03
Calculation factor - f_0	13.1
Fatigue load limit - P_u	2.2 kN
Basic static load rating C_0	52 kN
Basic static load rating - C_0	52 kN