



Bearing No. 62214-2RS1

D	125 mm
d	70 mm
B	31 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	125x70x31
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	31
bore type:	Round
maximum rpm:	3400 RPM
Weight / LBS	3.088
Mass bearing	1.42 kg
Inch - Metric	Metric
Product Group	B00308
closure type:	Double Sealed
d ₁	87.05 mm
Cage Material	Steel
D ₂	111 mm
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Cartridge Bearing
Bearing number	62214-2RS1
bore diameter:	70 mm
overall width:	31 mm

cage material:	Steel
fillet radius:	1.5 mm
Limiting speed	3400 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outer Race Width	1.22 Inch 31 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	4.921 Inch 125 Millimeter
Long Description	70MM Bore; 125MM Outside Diameter; 31MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	1.402
Manufacturer Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	125 mm
outer ring width:	31 mm
Bore Diameter (mm)	125
Internal Clearance	C0-Medium
r _a max.	1.5 mm
d _a min.	79 mm
D _a max.	116 mm
d _a max.	87 mm
Outer Diameter (mm)	70
internal clearance:	C0
d _a - min.	79 mm
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm

$r_{1,2}$ min.	1.5 mm
d_a - max.	87 mm
D_a - max.	116 mm
static load capacity:	45 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	111 mm
d_1 ?	87.05 mm
dynamic load capacity:	60.5 kN
$r_{1,2}$ - min.	1.5 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	62214-2RS1
Internal Special Features	No
Basic dynamic load rating C	60.5 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	60.5 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.9 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.7
Calculation factor - k_r	0.025
Calculation factor - f_0	14.7
Fatigue load limit - P_u	1.9 kN
Basic static load rating C_0	45 kN
Basic static load rating - C_0	45 kN