



**Bearing No. 6221-2RS1**

D	190 mm
d	105 mm
B	36 mm
Noun	Bearing
Bore	4.134 Inch   105 Millimeter
UNSPSC	31171504
Category	Single Row Ball Bearing
Size (mm)	190x105x36
Enclosure	2 Seals
Inventory	0.0
Snap Ring	No
Width (mm)	36
Weight / LBS	8.5248
D <sub>2</sub>	166.8 mm
Cage Material	Steel
Product Group	B00308
Inch - Metric	Metric
d <sub>1</sub>	131.4 mm
Enclosure Type	Contact Seal
Bearing number	6221-2RS1
Limiting speed	2200 r/min
Other Features	Deep Groove   NBR Seal
Keyword String	Ball
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Long Description	105MM Bore; 190MM Outside Diameter; 36MM 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; Steel Cage
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	1.417 Inch   36 Millimeter
Outside Diameter	7.48 Inch   190 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer Name	SKF
Weight / US pound	0.1
Bore Diameter (mm)	190
Internal Clearance	C0-Medium
Outer Diameter (mm)	105
Minimum Buy Quantity	N/A
$d_a$ - max.	131 mm
$d_a$ - min.	117 mm
$r_a$ - max.	2 mm
$D_a$ - max.	178 mm
$r_{1,2}$ - min.	2.1 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	No
Basic dynamic load rating - C	140 kN
Maximum Capacity / Filling Slot	No
Calculation factor - $k_r$	0.025
Fatigue load limit - $P_u$	3.6 kN
Calculation factor - $f_0$	14.4
Basic static load rating - $C_0$	104 kN