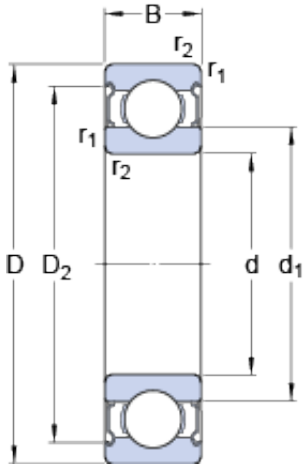
Loyal | 6221-2Z



Bearing No. 6221-2Z

D	190 mm
d	105 mm
B	36 mm
Bore	4.134 Inch | 105 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Enclosure	2 Metal Shields
Inventory	0.0
Size (mm)	190x105x36
Snap Ring	No
Width (mm)	36
bore type:	Round
Weight / LBS	8.55
Mass bearing	3.89 kg
maximum rpm:	3600 RPM
closure type:	Double Shielded
D_2	166.8 mm
d_1	131.4 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	105 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2 mm
overall width:	36 mm
Bearing number	6221-2Z

Limiting speed	3600 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 | ISO P0
Rolling Element	Ball Bearing
Reference speed	7000 r/min
Outside Diameter	7.48 Inch | 190 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.417 Inch | 36 Millimeter
Long Description	105MM Bore; 190MM Outside Diameter; 36MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 | ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
Weight / Kilogram	3.87
outer ring width:	36 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	190 mm
Internal Clearance	C0-Medium
D_a max.	178 mm
d_a max.	131 mm
r_a max.	2 mm
d_a min.	117 mm
Bore Diameter (mm)	190
internal clearance:	C0
Outer Diameter (mm)	105
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	2.1 mm
	2 mm

r^a - max.	

D_a - max.	178 mm
d_a - max.	131 mm
d_a - min.	117 mm
D_2 ?	166.8 mm
static load capacity:	104 kN
d_1 ?	131.4 mm
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	140 kN
Manufacturer Item Number	6221 2Z
Internal Special Features	No
Basic dynamic load rating C	140 kN
Basic dynamic load rating - C	140 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.65 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.4
Fatigue load limit - P_u	3.6 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	14.4
Basic static load rating C_0	104 kN
Basic static load rating - C_0	104 kN