



Bearing No. 6222-2Z

D	200 mm
d	110 mm
B	38 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	200x110x38
Snap Ring	No
Enclosure	2 Metal Shields
Inventory	0.0
Width (mm)	38
bore type:	Round
maximum rpm:	3400 RPM
Weight / LBS	10.13
Mass bearing	4.59 kg
Inch - Metric	Metric
Cage Material	Steel
D ₂	176.7 mm
closure type:	Double Shielded
Product Group	B00308
d ₁	138 mm
Bearing number	6222-2Z
bore diameter:	110 mm
overall width:	38 mm
cage material:	Steel
fillet radius:	2 mm
Limiting speed	3400 r/min

Keyword String	Ball
finish/coating:	Uncoated
Reference speed	6700 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outer Race Width	1.496 Inch 38 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	7.874 Inch 200 Millimeter
Long Description	110MM Bore; 200MM Outside Diameter; 38MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	4.6
Manufacturer Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	200 mm
outer ring width:	38 mm
Bore Diameter (mm)	200
Internal Clearance	C0-Medium
r _a max.	2 mm
d _a min.	122 mm
D _a max.	188 mm
d _a max.	137.9 mm
Outer Diameter (mm)	110
internal clearance:	C0
d _a - min.	122 mm
Minimum Buy Quantity	N/A
	2 mm

ra - max.	
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$r_{1,2}$ min.	2.1 mm
d_a - max.	137.9 mm
D_a - max.	188 mm
d_1 ?	138 mm
static load capacity:	118 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	176.7 mm
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	151 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6222-2Z
Internal Special Features	No
Basic dynamic load rating C	151 kN
Basic dynamic load rating - C	151 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.3
Calculation factor - k_r	0.025
Calculation factor - f_0	14.3
Fatigue load limit - P_u	4 kN
Basic static load rating C_0	118 kN
Basic static load rating - C_0	118 kN