



Bearing No. 6020-2Z

D	150 mm
d	100 mm
B	24 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Size (mm)	150x100x24
Snap Ring	No
Enclosure	2 Metal Shields
Inventory	0.0
Width (mm)	24
bore type:	Round
maximum rpm:	4500 RPM
Weight / LBS	2.95
Mass bearing	1.32 kg
D ₂	138,3 mm
Cage Material	Steel
closure type:	Double Shielded
d ₁	115,95 mm
Inch - Metric	Metric
Product Group	B00308
fillet radius:	1.5 mm
cage material:	Steel
overall width:	24 mm
bore diameter:	100 mm
Keyword String	Ball
Bearing number	6020-2Z

Limiting speed	4500 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	9500 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Outside Diameter	5.906 Inch 150 Millimeter
Long Description	100MM Bore; 150MM Outside Diameter; 24MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
Outer Race Width	0.945 Inch 24 Millimeter
outside diameter:	150 mm
Weight / Kilogram	1.34
outer ring width:	24 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Internal Clearance	C0-Medium
d _a min.	107 mm
d _a max.	115.9 mm
D _a max.	143 mm
Bore Diameter (mm)	150
r _a max.	1.5 mm
internal clearance:	C0
Outer Diameter (mm)	100
r _{1,2} min.	1.5 mm
D _a - max.	143 mm
Minimum Buy Quantity	N/A

d_a - min.	107 mm
r_a - max.	1,5 mm
d_a - max.	115,9 mm
d_1 ?	115.95 mm
D_2 ?	138.3 mm
static load capacity:	54 kN
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	1,5 mm
dynamic load capacity:	63.7 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6020-2Z
Internal Special Features	No
Basic dynamic load rating C	63.7 kN
Basic dynamic load rating - C	63,7 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.025
Calculation factor f_0	15.9
Fatigue load limit P_u	2.04 kN
Calculation factor - f_0	15,9
Calculation factor - k_r	0,025
Fatigue load limit - P_u	2 kN
Basic static load rating C_0	54 kN
Basic static load rating - C_0	54 kN