



Bearing No. 6219-2Z

D	170 mm
d	95 mm
B	32 mm
Bore	3.74 Inch 95 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	170x95x32
Snap Ring	No
Enclosure	2 Metal Shields
Inventory	0.0
Width (mm)	32
bore type:	Round
maximum rpm:	4000 RPM
Weight / LBS	6.05
Mass bearing	2.72 kg
Inch - Metric	Metric
Cage Material	Steel
D ₂	151.3 mm
closure type:	Double Shielded
Product Group	B00308
d ₁	118.25 mm
Bearing number	6219-2Z
bore diameter:	95 mm
overall width:	32 mm
cage material:	Steel
fillet radius:	2 mm
Limiting speed	4000 r/min
Keyword String	Ball

finish/coating:	Uncoated
Reference speed	8000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	6.693 Inch 170 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.26 Inch 32 Millimeter
Long Description	95MM Bore; 170MM Outside Diameter; 32MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	2.75
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	170 mm
outer ring width:	32 mm
Bore Diameter (mm)	170
Internal Clearance	C0-Medium
r _a max.	2 mm
d _a min.	107 mm
D _a max.	158 mm
d _a max.	118 mm
Outer Diameter (mm)	95
internal clearance:	C0
d _a - min.	107 mm
Minimum Buy Quantity	N/A
r _a - max.	2 mm
r _{1,2} min.	2.1 mm
d _a - max.	118 mm

D_a - max.	158 mm
d_1 ?	118.25 mm
static load capacity:	81.5 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	151.3 mm
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	114 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6219-2Z
Internal Special Features	No
Basic dynamic load rating C	114 kN
Basic dynamic load rating - C	114 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.4
Calculation factor - k_r	0.025
Calculation factor - f_0	14.4
Fatigue load limit - P_u	3 kN
Basic static load rating C_0	81.5 kN
Basic static load rating - C_0	81.5 kN