



**Bearing No. 6219**

D	170 mm
d	95 mm
B	32 mm
Noun	Bearing
Bore	3.74 Inch   95 Millimeter
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	170x95x32
Enclosure	Open
Inventory	0.0
Snap Ring	No
Width (mm)	32
bore type:	Round
Weight / LBS	5.772
Mass bearing	2.63 kg
maximum rpm:	5000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D <sub>2</sub>	151.3 mm
closure type:	Open
d <sub>1</sub>	118.25 mm
Keyword String	Ball
bore diameter:	95 mm
cage material:	Steel
Other Features	Deep Groove
fillet radius:	2 mm
overall width:	32 mm
Bearing number	6219

Limiting speed	5000 r/min
Rolling Element	Ball Bearing
Reference speed	8000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Outer Race Width	1.26 Inch   32 Millimeter
Long Description	95MM Bore; 170MM Outside Diameter; 32MM Outer Race Width; Open; 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>
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
outer ring width:	32 mm
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	170 mm
Weight / Kilogram	2.62
Internal Clearance	C0-Medium
Bore Diameter (mm)	170
d <sub>a</sub> min.	107 mm
D <sub>a</sub> max.	158 mm
r <sub>a</sub> max.	2 mm
internal clearance:	C0
Outer Diameter (mm)	95
snap ring included:	Without Snap Ring
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> - min.	107 mm

$D_a$ - max.	158 mm
$r_a$ - max.	2 mm
Minimum Buy Quantity	N/A
static load capacity:	81.5 kN
$d_1$ ?	118.25 mm
$D_2$ ?	151.3 mm
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	114 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6219
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
Fatigue load limit - $P_u$	3 kN
Calculation factor - $f_0$	14.4
Calculation factor - $k_r$	0.025
Basic static load rating $C_0$	81.5 kN
Basic static load rating - $C_0$	81.5 kN