



Bearing No. 635-2Z

D	19 mm
d	5 mm
B	6 mm
Bore	0.197 Inch 5 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	19x5x6
Snap Ring	No
Enclosure	2 Metal Shields
Inventory	0.0
Width (mm)	6
bore type:	Round
maximum rpm:	40000 RPM
Weight / LBS	0.024
Mass bearing	0.0093 kg
D ₂	16.5 mm
Cage Material	Steel
closure type:	Double Shielded
d ₁	11.1 mm
Product Group	B00308
Inch - Metric	Metric
fillet radius:	0.3 mm
cage material:	Steel
overall width:	6 mm
bore diameter:	5 mm
Keyword String	Ball
Other Features	Deep Groove
Bearing number	635-2Z

Limiting speed	40000 r/min
Reference speed	80000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.236 Inch 6 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	0.748 Inch 19 Millimeter
Long Description	5MM Bore; 19MM Outside Diameter; 6MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel
Weight / Kilogram	0.011
precision rating:	Not Rated
outer ring width:	6 mm
outside diameter:	19 mm
Manufacturer Name	SKF
D _a max.	16.6 mm
Bore Diameter (mm)	19
r _a max.	0.3 mm
d _a min.	7.4 mm
d _a max.	10.6 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	5
Minimum Buy Quantity	N/A
d _a - min.	7.4 mm

d_a - max.	10.6 mm
r_a - max.	0.3 mm
D_a - max.	16.6 mm
static load capacity:	0.95 kN
D_2 ?	16.5 mm
d_1 ?	11.1 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	2.34 kN
$r_{1,2}$ - min.	0.3 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	635-2Z
Internal Special Features	No
Basic dynamic load rating C	2.34 kN
Basic dynamic load rating - C	2.3 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.04 kN
Calculation factor k_r	0.03
Calculation factor f_0	13
Calculation factor - k_r	0.03
Calculation factor - f_0	13
Fatigue load limit - P_u	0.04 kN
Basic static load rating C_0	0.95 kN
Basic static load rating - C_0	0.95 kN