



### Bearing No. 634-2Z

D	16 mm
d	4 mm
B	5 mm
Noun	Bearing
Bore	0.157 Inch   4 Millimeter
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	16x4x5
Snap Ring	No
Inventory	0.0
Enclosure	2 Metal Shields
Width (mm)	5
bore type:	Round
Weight / LBS	0.02
Mass bearing	0.0054 kg
maximum rpm:	48000 RPM
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
closure type:	Double Shielded
D <sub>2</sub>	13.3 mm
d <sub>1</sub>	8.4 mm
Keyword String	Ball
bore diameter:	4 mm
cage material:	Steel
fillet radius:	0.3 mm
overall width:	5 mm
Bearing number	634-2Z
Limiting speed	48000 r/min

Precision Class	ABEC 1   ISO P0
Reference speed	95000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Long Description	4MM Bore; 16MM Outside Diameter; 5MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	0.197 Inch   5 Millimeter
Outside Diameter	0.63 Inch   16 Millimeter
outside diameter:	16 mm
Manufacturer Name	SKF
Weight / Kilogram	0.007
outer ring width:	5 mm
precision rating:	Not Rated
d <sub>a</sub> max.	8.3 mm
Internal Clearance	C0-Medium
r <sub>a</sub> max.	0.3 mm
D <sub>a</sub> max.	13.6 mm
d <sub>a</sub> min.	6.4 mm
Bore Diameter (mm)	16
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	4
Minimum Buy Quantity	N/A
d <sub>a</sub> - min.	6.4 mm
d <sub>a</sub> - max.	8.3 mm
D <sub>a</sub> - max.	13.6 mm
r <sub>a</sub> - max.	0.3 mm

$r_{1,2}$ min.	0.3 mm
$d_1$ ?	8.4 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	0.38 kN
$D_2$ ?	13.3 mm
dynamic load capacity:	1.11 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.3 mm
Manufacturer Item Number	634-2Z
Internal Special Features	No
Basic dynamic load rating C	1.11 kN
Basic dynamic load rating - C	1.1 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.016 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	8.4
Fatigue load limit - $P_u$	0.016 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	8.4
Basic static load rating $C_0$	0.38 kN
Basic static load rating - $C_0$	0.38 kN