



Bearing No. 624-2Z

D	13 mm
d	4 mm
B	5 mm
Bore	0.157 Inch 4 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Enclosure	2 Metal Shields
Snap Ring	No
Size (mm)	13x4x5
Inventory	0.0
bore type:	Round
Width (mm)	5
Weight / LBS	0.012
maximum rpm:	56000 RPM
Mass bearing	0.0031 kg
Cage Material	Steel
closure type:	Double Shielded
Product Group	B00308
Inch - Metric	Metric
D ₂	11.2 mm
d ₁	6.7 mm
Other Features	Deep Groove
cage material:	Steel
overall width:	5 mm
bore diameter:	4 mm
Keyword String	Ball
Bearing number	624-2Z
Limiting speed	53000 r/min
Precision Class	ABEC 1 ISO P0

Rolling Element	Ball Bearing
Reference speed	110000 r/min
Outside Diameter	0.512 Inch 13 Millimeter
Long Description	4MM Bore; 13MM Outside Diameter; 5MM 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
Manufacturer URL	http://www.skf.com
Outer Race Width	0.197 Inch 5 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	0.01
Manufacturer Name	SKF
outside diameter:	13 mm
Internal Clearance	C0-Medium
d _a min.	5.8 mm
d _a max.	6.6 mm
D _a max.	11.2 mm
r _a max.	0.2 mm
Bore Diameter (mm)	13
Outer Diameter (mm)	4
r _{1,2} min.	0.2 mm
Minimum Buy Quantity	N/A
d _a - max.	6.6 mm
D _a - max.	11.2 mm
d _a - min.	5.8 mm
r _a - max.	0.2 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	68.6 lbf

d_1 ?	6.7 mm
D_2 ?	11.2 mm
$r_{1,2}$ - min.	0.2 mm
dynamic load capacity:	219 lbf
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	624-2Z
Internal Special Features	No
Basic dynamic load rating C	0.936 kN
Basic dynamic load rating - C	0.936 kN
Maximum Capacity / Filling Slot	No
Calculation factor f_0	7.3
Calculation factor k_r	0.025
Fatigue load limit P_u	0.012 kN
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.012 kN
Calculation factor - f_0	7.3
Basic static load rating C_0	0.29 kN
Basic static load rating - C_0	0.29 kN