



Bearing Rolamentos do Brasil Ltda.



4 mm x 13 mm x 5 mm SKF 624-2Z deep groove ball bearings

Bearing No. 624-2Z

624-2Z Bearing 2D drawings and 3D CAD models

Size	13x4x5 mm
Bore Diameter	13 mm
Outer Diameter	4 mm
Width	5 mm
d	4 mm
D	13 mm
B	5 mm
d ₁	6.7 mm
D ₂	11.2 mm
r _{1,2} - min.	0.2 mm
d _a - min.	5.8 mm
d _a - max.	6.6 mm
D _a - max.	11.2 mm
r _a - max.	0.2 mm
Basic dynamic load rating - C	0.936 kN
Basic static load rating - C ₀	0.29 kN
Fatigue load limit - P _u	0.012 kN
Reference speed	110000 r/min
Limiting speed	53000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	7.3
Size	13x4x5 mm
Bore Diameter	13 mm
Outer Diameter	4 mm



Bearing Rolamentos do Brasil Ltda.

Width	5 mm
d	4 mm
D	13 mm
B	5 mm
d ₁	6.7 mm
D ₂	11.2 mm
r _{1,2} - min.	0.2 mm
d _a - min.	5.8 mm
d _a - max.	6.6 mm
D _a - max.	11.2 mm
r _a - max.	0.2 mm
Basic dynamic load rating - C	0.936 kN
Basic static load rating - C ₀	0.29 kN
Fatigue load limit - P _u	0.012 kN
Reference speed	110000 r/min
Limiting speed	53000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	7.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.01
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No



Bearing Rolamentos do Brasil Ltda.

Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	624-2Z
Weight / LBS	0.012
Bore	0.157 Inch 4 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	0.512 Inch 13 Millimeter
Outer Race Width	0.197 Inch 5 Millimeter
bore diameter:	4 mm
row type & fill slot:	Single Row Non-Fill Slot
outside diameter:	13 mm
dynamic load capacity:	219 lbf
overall width:	5 mm
static load capacity:	68.6 lbf
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
maximum rpm:	56000 RPM



Bearing Rolamentos do Brasil Ltda.

d_1	6.7 mm
D_2	11.2 mm
$r_{1,2}$ min.	0.2 mm
d_a min.	5.8 mm
d_a max.	6.6 mm
D_a max.	11.2 mm
r_a max.	0.2 mm
Basic dynamic load rating C	0.936 kN
Basic static load rating C_0	0.29 kN
Fatigue load limit P_u	0.012 kN
Calculation factor k_r	0.025
Calculation factor f_0	7.3
Mass bearing	0.0031 kg