



NTN BEARING CORP.OF America LTD.



624 Bearing 2D drawings and 3D CAD models

Durable Low Noise Miniature 624 626 628 Open/Zz 2RS SKF Deep Groove Ball Bearing

Bearing No. 624

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.	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	67000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	10
Size	13x4x5 mm
Bore Diameter	13 mm
Outer Diameter	4 mm
Width	5 mm



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Basic static load rating - C ₀	0.29 kN
Fatigue load limit - P _u	0.012 kN
Reference speed	110000 r/min
Limiting speed	67000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	10
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.005
EAN	7316576645815
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel



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Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	4MM Bore; 13MM Outside Diameter; 5MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
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
Weight / LBS	0.01
Outside Diameter	0.512 Inch 13 Millimeter
Outer Race Width	0.197 Inch 5 Millimeter
Bore	0.157 Inch 4 Millimeter
bore diameter:	4 mm
static load capacity:	0.29 kN
outside diameter:	13 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	5 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	5 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.2 mm
snap ring included:	Without Snap Ring
maximum rpm:	67000 RPM



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internal clearance:	C0
series:	62
dynamic load capacity:	0.936 kN
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.	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_f	0.025
Calculation factor f_0	10
Mass bearing	0.0031 kg