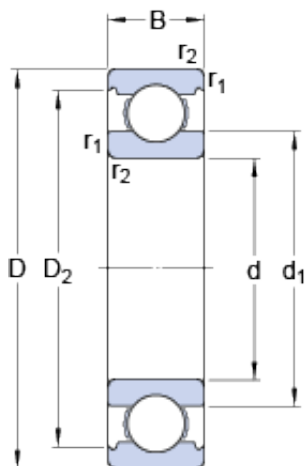




# TIMKEN BEARING-SINGAPORE (PTE)LTD.



## Miniature Bearing 624 625 626 Zz 2RS Long Using Life SKF Bearirng

Bearing No. 624

624 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 <sub>1</sub>	6.7 mm
D <sub>2</sub>	11.2 mm
r <sub>1,2</sub> - min.	0.2 mm
d <sub>a</sub> - min.	5.8 mm
D <sub>a</sub> - max.	11.2 mm
r <sub>a</sub> - max.	0.2 mm
Basic dynamic load rating - C	0.936 kN
Basic static load rating - C <sub>0</sub>	0.29 kN
Fatigue load limit - P <sub>u</sub>	0.012 kN
Reference speed	110000 r/min
Limiting speed	67000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	10
Size	13x4x5 mm
Bore Diameter	13 mm
Outer Diameter	4 mm
Width	5 mm



## TIMKEN BEARING-SINGAPORE (PTE)LTD.

d	4 mm
D	13 mm
B	5 mm
d <sub>1</sub>	6.7 mm
D <sub>2</sub>	11.2 mm
r <sub>1,2</sub> - min.	0.2 mm
d <sub>a</sub> - min.	5.8 mm
D <sub>a</sub> - max.	11.2 mm
r <sub>a</sub> - max.	0.2 mm
Basic dynamic load rating - C	0.936 kN
Basic static load rating - C <sub>0</sub>	0.29 kN
Fatigue load limit - P <sub>u</sub>	0.012 kN
Reference speed	110000 r/min
Limiting speed	67000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	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



## TIMKEN BEARING-SINGAPORE (PTE)LTD.

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	<a href="http://www.skf.com">http://www.skf.com</a>
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



## TIMKEN BEARING-SINGAPORE (PTE)LTD.

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