



TIMKEN BEARINGS TRAINING INDUSTRY



Auto Accessory/SKF Deep Groove Ball Bearing 61802 61804

Bearing No. 61802

61802 Bearing 2D drawings and 3D CAD models

Size	15x24x5 mm
Bore Diameter	15 mm
Outer Diameter	24 mm
Width	5 mm
d	15 mm
D	24 mm
B	5 mm
C	5 mm
d1	17,8 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	21,3 mm
D2	– mm
da min.	17 mm
Da max.	22 mm
rc max.	0,3 mm
Weight	0,0065 Kg
Basic dynamic load rating (C)	1,9 kN
Basic static load rating (C0)	1,1 kN
Fatigue load limit (Pu)	0,048
Reference speed	60000 r/min
Limiting speed	38000 r/min
Calculation factor (f0)	14
Category	Single Row Ball Bearings
Inventory	0.0



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Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.008
EAN	7316576641527
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
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	15MM Bore; 24MM 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	61802
Weight / LBS	0.02
Outer Race Width	0.197 Inch 5 Millimeter
Outside Diameter	0.945 Inch 24 Millimeter
Bore	0.591 Inch 15 Millimeter
bore diameter:	15 mm



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static load capacity:	1.1 kN
outside diameter:	24 mm
precision rating:	Not Rated
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:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	38000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	1.9 kN
d_1	17.8 mm
D_1	21.3 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	17 mm
D_a max.	22 mm
r_a max.	0.3 mm
Basic dynamic load rating C	1.9 kN
Basic static load rating C_0	1.1 kN
Fatigue load limit P_u	0.048 kN
Calculation factor k_r	0.015
Calculation factor f_0	13.8
Mass bearing	0.0065 kg