



# MACHINE PRECISION AXLE CORP.



## SKF Machine/Engine/Auto Parts Deep Groove Ball Bearing 61802 61804 61805 Zz 2RS

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



## MACHINE PRECISION AXLE CORP.

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



## MACHINE PRECISION AXLE CORP.

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