



## BEARING DRIVESHAFT, INC.



40 mm x 68 mm x 9 mm skf 16008 bearing

Bearing No. 16008

16008 Bearing 2D drawings and 3D CAD models

Size	40x68x9 mm
Bore Diameter	40 mm
Outer Diameter	68 mm
Width	9 mm
d	40 mm
D	68 mm
B	9 mm
C	9 mm
d1	49,4 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	58,6 mm
D2	– mm
da min.	42 mm
Da max.	66 mm
rc max.	0,3 mm
Weight	0,13 Kg
Basic dynamic load rating (C)	13,8 kN
Basic static load rating (C0)	10,2 kN
Fatigue load limit (Pu)	0,44
Reference speed	22000 r/min
Limiting speed	14000 r/min
Calculation factor (f0)	16
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



## BEARING DRIVESHAFT, INC.

Minimum Buy Quantity	N/A
Weight / Kilogram	0.137
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	40MM Bore; 68MM Outside Diameter; 9MM 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	16008
Weight / LBS	0.302
Outer Race Width	0.354 Inch   9 Millimeter
Bore	1.575 Inch   40 Millimeter
Outside Diameter	2.677 Inch   68 Millimeter
bore diameter:	40 mm
static load capacity:	10.2 kN
outside diameter:	68 mm



## BEARING DRIVESHAFT, INC.

precision rating:	Not Rated
overall width:	9 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	14000 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	13.8 kN
$d_1$	49.4 mm
$D_1$	58.6 mm
$r_{1,2}$ min.	0.3 mm
$d_a$ min.	42 mm
$D_a$ max.	66 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	13.8 kN
Basic static load rating $C_0$	10.2 kN
Fatigue load limit $P_u$	0.44 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	16
Mass bearing	0.13 kg