



BEARING FORGE OF AMERICA CORP.



180 mm x 225 mm x 22 mm skf 61836 bearing

Bearing No. 61836

61836 Bearing 2D drawings and 3D CAD models

Size	225x180x22 mm
Bore Diameter	225 mm
Outer Diameter	180 mm
Width	22 mm
d	180 mm
D	225 mm
B	22 mm
d ₁	194.4 mm
D ₁	210.6 mm
r _{1,2} - min.	1.1 mm
d _a - min.	186 mm
D _a - max.	219 mm
r _a - max.	1 mm
Basic dynamic load rating - C	62.4 kN
Basic static load rating - C ₀	81.5 kN
Fatigue load limit - P _u	2.4 kN
Reference speed	5600 r/min
Limiting speed	3400 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	17.2
Category	Single Row Ball Bearings
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.834



BEARING FORGE OF AMERICA CORP.

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	180MM Bore; 225MM Outside Diameter; 22MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
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	61836
Weight / LBS	4.039
Outer Race Width	0.866 Inch 22 Millimeter
Bore	7.087 Inch 180 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	8.858 Inch 225 Millimeter
bore diameter:	180 mm
static load capacity:	81.5 kN



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outside diameter:	225 mm
finish/coating:	Uncoated
overall width:	22 mm
bearing material:	Steel
bore type:	Round
cage material:	Steel
closure type:	Open
fillet radius:	1.1 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	5600 rpm
snap ring included:	Without Snap Ring
weight:	3.82 lbs
operating temperature range:	-40 to 212 ° F ° F
manufacturer product page:	Click here
dynamic load capacity:	62.4 kN
manufacturer upc number:	7316577662576
d_1	194.4 mm
D_1	210.6 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	186 mm
D_a max.	219 mm
r_a max.	1 mm
Basic dynamic load rating C	62.4 kN
Basic static load rating C_0	81.5 kN
Fatigue load limit P_u	2.45 kN
Calculation factor k_r	0.015
Calculation factor f_0	17.2
Mass bearing	1.73 kg