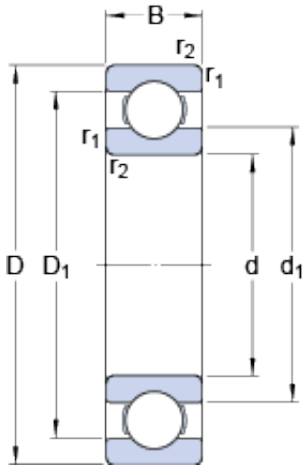

61804 Bearing 2D drawings and 3D CAD models

NIB SKF Bearing 61804

Bearing No. 61804

Size	32x20x7 mm
Bore Diameter	32 mm
Outer Diameter	20 mm
Width	7 mm
d	20 mm
D	32 mm
B	7 mm
d_1	23.85 mm
D_1	28.25 mm
$r_{1,2}$ - min.	0.3 mm
d_a - min.	22 mm
D_a - max.	30 mm
r_a - max.	0.3 mm
Basic dynamic load rating - C	4 kN
Basic static load rating - C_0	2.3 kN
Fatigue load limit - P_u	0.104 kN
Reference speed	45000 r/min
Limiting speed	28000 r/min
Calculation factor - k_r	0.015
Calculation factor - f_0	14.5
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.02

Leap Bearing Service

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	20MM Bore; 32MM Outside Diameter; 7MM 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	61804 J
Weight / LBS	0.04
Bore	0.787 Inch | 20 Millimeter
Outer Race Width	0.276 Inch | 7 Millimeter
Outside Diameter	1.26 Inch | 32 Millimeter
bore diameter:	20 mm
static load capacity:	2.32 kN
outside diameter:	32 mm
precision rating:	Not Rated
overall width:	7 mm

finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	7 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	28000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	4.03 kN
$d_1 \approx$	23.85 mm
$D_1 \approx$	28.25 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	22 mm
D_a max.	30 mm
r_a max.	0.3 mm
Basic dynamic load rating C	4.03 kN
Basic static load rating C_0	2.32 kN
Fatigue load limit P_u	0.104 kN
Calculation factor k_r	0.015
Calculation factor f_0	14.5
Mass bearing	0.018 kg