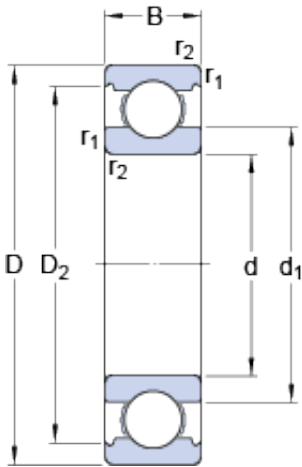




SKF BEARING LTD



80 mm x 100 mm x 10 mm SKF 61816 deep groove ball bearings

Bearing No. 61816

61816 Bearing 2D drawings and 3D CAD models

Size	100x80x10 mm
Bore Diameter	100 mm
Outer Diameter	80 mm
Width	10 mm
d	80 mm
D	100 mm
B	10 mm
d ₁	86.7 mm
D ₂	95.7 mm
r _{1,2} - min.	1.3 mm
d _a - min.	83.2 mm
D _a - max.	96.8 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	12.7 kN
Basic static load rating - C ₀	11.2 kN
Fatigue load limit - P _u	0.61 kN
Reference speed	13000 r/min
Limiting speed	8000 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	13.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



SKF BEARING LTD

Weight / Kilogram	0.173
EAN	7316576641855
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	80MM Bore; 100MM Outside Diameter; 10MM 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	61816
Weight / LBS	0.38
Outside Diameter	3.937 Inch 100 Millimeter
Outer Race Width	0.394 Inch 10 Millimeter
Bore	3.15 Inch 80 Millimeter
bore diameter:	80 mm
static load capacity:	15 kN
outside diameter:	100 mm



SKF BEARING LTD

precision rating:	Not Rated
overall width:	10 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	10 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
maximum rpm:	8000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	13 kN
d_1	86.7 mm
D_2	95.7 mm
$r_{1,2}$ min.	1.3 mm
d_a min.	83.2 mm
D_a max.	96.8 mm
r_a max.	0.6 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating C_0	11.2 kN
Fatigue load limit P_u	0.61 kN
Calculation factor k_r	0.015
Calculation factor f_0	13.3
Mass bearing	0.15 kg