



NTN Bearing Driveshaft do Brasil



180 mm x 280 mm x 31 mm 180 mm x 280 mm
x 31 mm SKF 16036 deep groove ball bearings

Bearing No. 16036

16036 Bearing 2D drawings and 3D CAD models

Size	280x180x31 mm
Bore Diameter	280 mm
Outer Diameter	180 mm
Width	31 mm
d	180 mm
D	280 mm
B	31 mm
d ₁	213.5 mm
D ₁	245.8 mm
r _{1,2} - min.	2 mm
d _a - min.	189 mm
D _a - max.	271 mm
r _a - max.	2 mm
Basic dynamic load rating - C	138 kN
Basic static load rating - C ₀	146 kN
Fatigue load limit - P _u	4.2 kN
Reference speed	4800 r/min
Limiting speed	3000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	16.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	6.506
EAN	7316577004680
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; 280MM Outside Diameter; 31MM 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	16036
Weight / LBS	14.331
Outer Race Width	1.22 Inch 31 Millimeter
Bore	7.087 Inch 180 Millimeter
Outside Diameter	11.024 Inch 280 Millimeter
bore diameter:	180 mm
static load capacity:	146 kN
outside diameter:	280 mm



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precision rating:	Not Rated
overall width:	31 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	31 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	3000 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	138 kN
d_1	213.5 mm
D_1	245.8 mm
$r_{1,2}$ min.	2 mm
d_a min.	189 mm
D_a max.	271 mm
r_a max.	2 mm
Basic dynamic load rating C	138 kN
Basic static load rating C_0	146 kN
Fatigue load limit P_u	4.15 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.3
Mass bearing	6.51 kg