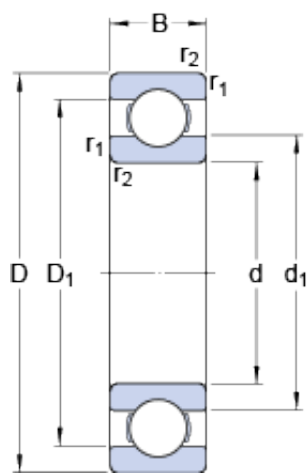




Bearing No. 16036

D	280 mm
d	180 mm
B	31 mm
Bore	7.087 Inch 180 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	16
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	280x180x31
Snap Ring	No
Width (mm)	31
bore type:	Round
Weight / LBS	14.331
Mass bearing	6.51 kg
maximum rpm:	3000 RPM
closure type:	Open
D ₁	245.8 mm
d ₁	213.5 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	180 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2 mm
overall width:	31 mm
Bearing number	16036

Limiting speed	3000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	4800 r/min
Outside Diameter	11.024 Inch 280 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter
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
Manufacturer URL	http://www.skf.com
outer ring width:	31 mm
precision rating:	Not Rated
outside diameter:	280 mm
Manufacturer Name	SKF
Weight / Kilogram	6.506
D _a max.	271 mm
Bore Diameter (mm)	280
Internal Clearance	C0-Medium
r _a max.	2 mm
d _a min.	189 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	180
internal clearance:	C0
r _a - max.	2 mm
D _a - max.	271 mm
d _a - min.	189 mm
r _{1,2} min.	2 mm
Minimum Buy Quantity	N/A

static load capacity:	146 kN
d_1 ?	213.5 mm
row type & fill slot:	Single Row Non-Fill Slot
D_1 ?	245.8 mm
dynamic load capacity:	138 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2 mm
Manufacturer Item Number	16036
Internal Special Features	No
Basic dynamic load rating C	138 kN
Basic dynamic load rating - C	138 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.15 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.3
Fatigue load limit - P_u	4.2 kN
Calculation factor - k_r	0.02
Calculation factor - f_0	16.3
Basic static load rating C_0	146 kN
Basic static load rating - C_0	146 kN