



Bearing No. 16020

D	150 mm
d	100 mm
B	16 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	16
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	150x100x16
Snap Ring	No
Width (mm)	16
bore type:	Round
Weight / LBS	2.124
Mass bearing	0.94 kg
maximum rpm:	5600 RPM
closure type:	Open
D ₁	134 mm
d ₁	116 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	100 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	1 mm
overall width:	16 mm
Bearing number	16020

Limiting speed	5600 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	9500 r/min
Outer Race Width	0.63 Inch 16 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	5.906 Inch 150 Millimeter
Long Description	100MM Bore; 150MM Outside Diameter; 16MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
Weight / Kilogram	0.964
outer ring width:	16 mm
precision rating:	Not Rated
outside diameter:	150 mm
Internal Clearance	C0-Medium
D _a max.	145 mm
Bore Diameter (mm)	150
d _a min.	105 mm
r _a max.	1 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
r _a - max.	1 mm
D _a - max.	145 mm
d _a - min.	105 mm
r _{1,2} min.	1 mm

static load capacity:	44 kN
d_1 ?	116 mm
D_1 ?	134 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	46.2 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1 mm
Manufacturer Item Number	16020
Internal Special Features	No
Basic dynamic load rating C	46.2 kN
Basic dynamic load rating - C	46,2 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.7 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.5
Fatigue load limit - P_u	1,7 kN
Calculation factor - k_r	0,02
Calculation factor - f_0	16,5
Basic static load rating C_0	44 kN
Basic static load rating - C_0	44 kN