



Huaxin Bearing Co., Ltd



105 mm x 160 mm x 18 mm SKF 16021 deep groove ball bearings

Bearing No. 16021

16021 Bearing 2D drawings and 3D CAD models

Size	160x105x18 mm
Bore Diameter	160 mm
Outer Diameter	105 mm
Width	18 mm
d	105 mm
D	160 mm
B	18 mm
d ₁	123 mm
D ₁	141.95 mm
r _{1,2} - min.	1 mm
d _a - min.	110 mm
D _a - max.	155 mm
r _a - max.	1 mm
Basic dynamic load rating - C	54 kN
Basic static load rating - C ₀	51 kN
Fatigue load limit - P _u	1.9 kN
Reference speed	8500 r/min
Limiting speed	5300 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	1.225
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	105MM Bore; 160MM Outside Diameter; 18MM 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	16021
Weight / LBS	2.698
Bore	4.134 Inch 105 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
bore diameter:	105 mm
static load capacity:	51 kN
outside diameter:	160 mm
precision rating:	Not Rated



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overall width:	18 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	18 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	5300 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	54 kN
d_1	123 mm
D_1	141.95 mm
$r_{1,2}$ min.	1 mm
d_a min.	110 mm
D_a max.	155 mm
r_a max.	1 mm
Basic dynamic load rating C	54 kN
Basic static load rating C_0	51 kN
Fatigue load limit P_u	1.86 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.3
Mass bearing	1.19 kg