



PRECISION AXLE CORP.OF AMERICAN



6020 Bearing 2D drawings and 3D CAD models

SKF Deep Groove Ball Bearing 6020 2RS

Bearing No. 6020

Size	150x100x24 mm
Bore Diameter	150 mm
Outer Diameter	100 mm
Width	24 mm
d	100 mm
D	150 mm
B	24 mm
d ₁	115.95 mm
D ₂	138.3 mm
r _{1,2} - min.	1.5 mm
d _a - min.	107 mm
D _a - max.	143 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	63.7 kN
Basic static load rating - C ₀	54 kN
Fatigue load limit - P _u	2 kN
Reference speed	9500 r/min
Limiting speed	5600 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	15.9
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.282



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EAN	7316576621697
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	100MM Bore; 150MM Outside Diameter; 24MM 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	6020
Weight / LBS	2.81
Outer Race Width	0.945 Inch 24 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Bore	3.937 Inch 100 Millimeter
bore diameter:	100 mm
static load capacity:	54 kN
outside diameter:	150 mm
precision rating:	ABEC 1 (ISO Class



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	Normal)
overall width:	24 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	24 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	5600 RPM
internal clearance:	C0
series:	60
dynamic load capacity:	63.7 kN
d_1	115.95 mm
D_2	138.3 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	107 mm
D_a max.	143 mm
r_a max.	1.5 mm
Basic dynamic load rating C	63.7 kN
Basic static load rating C_0	54 kN
Fatigue load limit P_u	2.04 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.9
Mass bearing	1.26 kg