



AMERICAN BEARING MFG.CORP.



9 mm x 20 mm x 6 mm SKF 619/9 deep groove ball bearings

Bearing No. 619/9

619/9 Bearing 2D drawings and 3D CAD models

Size	9x20x6 mm
Bore Diameter	9 mm
Outer Diameter	20 mm
Width	6 mm
d	9 mm
D	20 mm
B	6 mm
C	6 mm
d1	11,6 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	16,2 mm
D2	17,5 mm
da min.	11 mm
Da max.	18 mm
rc max.	0,3 mm
Weight	0,0076 Kg
Basic dynamic load rating (C)	2,34 kN
Basic static load rating (C0)	0,98 kN
Fatigue load limit (Pu)	0,043
Reference speed	80000 r/min
Limiting speed	50000 r/min
Calculation factor (f0)	12
Category	Single Row Ball Bearings
Inventory	0.0



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Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.007
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	9MM Bore; 20MM Outside Diameter; 6MM 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	619/9
Weight / LBS	0.02
Bore	0.354 Inch 9 Millimeter
Outer Race Width	0.236 Inch 6 Millimeter
Outside Diameter	0.787 Inch 20 Millimeter
d ₁	11.61 mm
D ₂	17.44 mm



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$r_{1,2}$ min.	0.3 mm
d_a min.	11 mm
D_a max.	18 mm
r_a max.	0.3 mm
Basic dynamic load rating C	2.34 kN
Basic static load rating C_0	0.98 kN
Fatigue load limit P_u	0.043 kN
Calculation factor k_r	0.02
Calculation factor f_0	12.3
Mass bearing	0.0076 kg