



## Fujian Zhenyuan Hydraulic Equipment C...



7419 GAM Bearing 2D drawings and 3D CAD models

### 95 mm x 250 mm x 55 mm SKF 7419 GAM Angular Contact Ball Bearings

Bearing No. 7419 GAM

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	13.51
EAN	7316571273914
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	95MM Bore; 250MM Outside Diameter; 55MM Width; Open; Yes Flush Ground; Ball Bearing; Single



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	Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	7419 GAM
Weight / LBS	29.762
d	3.74 Inch   95 Millimeter
B	2.165 Inch   55 Millimeter
D	9.843 Inch   250 Millimeter
d	95 mm
D	250 mm
B	55 mm
d <sub>1</sub>	144.69 mm
D <sub>1</sub>	199.45 mm
a	97 mm
r <sub>1,2</sub> min.	4 mm
r <sub>3,4</sub> min.	4 mm
d <sub>a</sub> min.	55 mm
D <sub>a</sub> max.	110 mm
D <sub>b</sub> max.	221.5 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	2 mm
Basic dynamic load rating C	242 kN
Basic static load rating C <sub>0</sub>	236 kN
Fatigue load limit P <sub>u</sub>	7.65 kN
Reference speed	3400 r/min
Limiting speed	3400 r/min



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Calculation factor A	1.08
Calculation factor $k_r$	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor $Y_0$	0.26
Calculation factor $Y_2$	0.57
Calculation factor X	0.57
Calculation factor $Y_0$	0.52
Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Mass bearing	13.5 kg