



Bearing No. 609-Z

D	24 mm
d	9 mm
B	7 mm
C	7 mm
D1	21,2 mm
D2	0,3 mm
d1	14,4 mm
d2	- mm
Bore	0.354 Inch 9 Millimeter
Noun	Bearing
UNSPSC	31171504
Weight	0,015 Kg
r2 min.	11 mm
r1 min.	11 mm
da min.	14,3 mm
Da max.	22 mm
ra max.	0,3 mm
series:	60
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	9x24x7
Snap Ring	No
Enclosure	1 Metal Shield
Width (mm)	7
bore type:	Round
Weight / LBS	0.04
Mass bearing	0.015 kg
maximum rpm:	34000 RPM
Product Group	B00308
closure type:	Single Shield

Cage Material	Steel
Inch - Metric	Metric
bore diameter:	9 mm
overall width:	7 mm
Keyword String	Ball
cage material:	Steel
fillet radius:	0.3 mm
Bearing number	609-Z
Limiting speed	34000 r/min
finish/coating:	Uncoated
Reference speed	70000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outer Race Width	0.276 Inch 7 Millimeter
Outside Diameter	0.945 Inch 24 Millimeter
Long Description	9MM Bore; 24MM Outside Diameter; 7MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
Weight / Kilogram	0.016
Manufacturer Name	SKF
outer ring width:	7 mm
outside diameter:	24 mm
precision rating:	ABEC 3 (ISO Class 6)
d _a max.	14.3 mm
D _a max.	22 mm
Bore Diameter (mm)	9
r _a max.	0.3 mm
d _a min.	11 mm

Internal Clearance	C0-Medium
Outer Diameter (mm)	24
snap ring included:	Without Snap Ring
internal clearance:	C0
Minimum Buy Quantity	N/A
D_2 ?	21.2 mm
d_1 ?	14.45 mm
static load capacity:	1.66 kN
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	3.9 kN
Fatigue load limit (Pu)	0,071
Calculation factor (f0)	13
Manufacturer Item Number	609 Z
Internal Special Features	No
Basic dynamic load rating C	3.9 kN
Basic dynamic load rating (C)	3,9 kN
Basic static load rating (C0)	1,66 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.071 kN
Calculation factor k_r	0.025
Calculation factor f_0	13
Basic static load rating C_0	1.66 kN