



# USK BEARING COMPANY



7 mm x 19 mm x 6 mm skf 607-2Z Deep groove ball bearings

Bearing No. 607-2Z

607-2Z Bearing 2D drawings and 3D CAD models

Size	7x19x6 mm
Bore Diameter	7 mm
Outer Diameter	19 mm
Width	6 mm
d	7 mm
D	19 mm
B	6 mm
C	6 mm
d1	11,1 mm
d2	– mm
r1 min.	9 mm
r2 min.	9 mm
D1	16,5 mm
D2	0,3 mm
da min.	11 mm
Da max.	17 mm
ra max.	0,3 mm
Weight	0,0084 Kg
Basic dynamic load rating (C)	2,34 kN
Basic static load rating (C0)	0,95 kN
Fatigue load limit (Pu)	0,04
Reference speed	60000 r/min
Limiting speed	30000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings



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Inventory	9.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.01
Product Group	B00308
Enclosure	2 Metal Shields
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	7MM Bore; 19MM Outside Diameter; 6MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	607-2Z
Weight / LBS	0.023
Inner Race Width	0 Inch   0 Millimeter
Bore	0.276 Inch   7 Millimeter
Outer Race Width	0.236 Inch   6 Millimeter



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Outside Diameter	0.748 Inch   19 Millimeter
bore diameter:	7 mm
static load capacity:	0.95 kN
outside diameter:	19 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	6 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
outer ring width:	6 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	43000 RPM
internal clearance:	C0
series:	60
dynamic load capacity:	2.34 kN
$d_1$	11.1 mm
$D_2$	16.5 mm
$d_a$ min.	9 mm
$d_a$ max.	11 mm
$D_a$ max.	17 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	2.34 kN
Basic static load rating $C_0$	0.95 kN
Fatigue load limit $P_u$	0.04 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	13
Mass bearing	0.0084 kg