



BEARING-THAILAND CO.,LTD.



SKF/ NSK/ NTN/Timken/ FAG Deep Groove Ball Bearing for Instrument, High Speed Precision Engine or Auto Parts Rolling Bearings 607 609

Bearing No. 607

607 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
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	15,2 mm
D2	16,5 mm
da min.	9 mm
Da max.	17 mm
rc max.	0,3 mm
Weight	0,0076 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	85000 r/min
Limiting speed	53000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings



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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.01
EAN	7316577662538
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	7MM Bore; 19MM 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	607
Weight / LBS	0.02
Outside Diameter	0.748 Inch 19 Millimeter
Outer Race Width	0.236 Inch 6 Millimeter
Bore	0.276 Inch 7 Millimeter



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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:	Open
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:	53000 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.	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	0.0076 kg