



Bearing No. 16007

D	62 mm
d	35 mm
B	9 mm
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	16
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	62x35x9
Snap Ring	No
Width (mm)	9
bore type:	Round
Weight / LBS	0.258
Mass bearing	0.11 kg
maximum rpm:	15000 RPM
closure type:	Open
D ₁	52.95 mm
d ₁	44.05 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	35 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	0.3 mm
overall width:	9 mm
Bearing number	16007

Limiting speed	15000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	24000 r/min
Outside Diameter	2.441 Inch 62 Millimeter
Outer Race Width	0.354 Inch 9 Millimeter
Long Description	35MM Bore; 62MM Outside Diameter; 9MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
outer ring width:	9 mm
precision rating:	Not Rated
outside diameter:	62 mm
Manufacturer Name	SKF
Weight / Kilogram	0.117
D _a max.	60 mm
Bore Diameter (mm)	62
Internal Clearance	C0-Medium
r _a max.	0.3 mm
d _a min.	37 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	35
internal clearance:	C0
r _a - max.	0.3 mm
D _a - max.	60 mm
d _a - min.	37 mm
r _{1,2} min.	0.3 mm
Minimum Buy Quantity	N/A

static load capacity:	8.15 kN
d_1 ?	44.05 mm
row type & fill slot:	Single Row Non-Fill Slot
D_1 ?	52.95 mm
dynamic load capacity:	13 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.3 mm
Manufacturer Item Number	16007
Internal Special Features	No
Basic dynamic load rating C	13 kN
Basic dynamic load rating - C	13 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.375 kN
Calculation factor k_r	0.02
Calculation factor f_0	14
Fatigue load limit - P_u	0.375 kN
Calculation factor - k_r	0.02
Calculation factor - f_0	14
Basic static load rating C_0	8.15 kN
Basic static load rating - C_0	8.2 kN