

16007 SKF BDI Inventory 0.0

62x35x9mm Deep groove ball bearings

Bearing number	16007
Size (mm)	62x35x9
Brand	SKF
Bore Diameter (mm)	62
Outer Diameter (mm)	35
Width (mm)	9
d	35 mm
D	62 mm
B	9 mm
d ₁	44.05 mm
D ₁	52.95 mm
r _{1,2} – min.	0.3 mm
d _a – min.	37 mm
D _a – max.	60 mm
r _a – max.	0.3 mm
Basic dynamic load rating – C	13 kN
Basic static load rating – C ₀	8.2 kN
Fatigue load limit – P _u	0.375 kN
Reference speed	24000 r/min
Limiting speed	15000 r/min
Calculation factor – k _r	0.02
Calculation factor – f ₀	14

Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.117
EAN	7316577015846
Product Group – BDI	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	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
Category – BDI	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	16007
Weight / LBS	0.258

Outer Race Width	0.354 Inch 9 Millimeter
Bore	1.378 Inch 35 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
bore diameter:	35 mm
static load capacity:	8.15 kN
outside diameter:	62 mm
precision rating:	Not Rated
overall width:	9 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	15000 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	13 kN
$d_1 \approx$	44.05 mm
$D_1 \approx$	52.95 mm
$r_{1,2} \text{ min.}$	0.3 mm
$d_a \text{ min.}$	37 mm
$D_a \text{ max.}$	60 mm
$r_a \text{ max.}$	0.3 mm
Basic dynamic load rating C	13 kN
Basic static load rating C_0	8.15 kN

Fatigue load limit P_u	0.375 kN
Calculation factor k_r	0.02
Calculation factor f_θ	14
Mass bearing	0.11 kg