

16044 SKF 340x220x37mm finish/coating: Uncoated Deep groove ball bearings

Bearing number	16044
Size (mm)	340x220x37
Brand	SKF
Bore Diameter (mm)	340
Outer Diameter (mm)	220
Width (mm)	37
d	220 mm
D	340 mm
B	37 mm
d ₁	261.5 mm
D ₁	297.65 mm
r _{1,2} – min.	2.1 mm
d _a – min.	230 mm
D _a – max.	330 mm
r _a – max.	2 mm
Basic dynamic load rating – C	174 kN
Basic static load rating – C ₀	204 kN
Fatigue load limit – P _u	5.2 kN
Reference speed	4000 r/min
Limiting speed	2400 r/min
Calculation factor – k _r	0.02
Calculation factor – f ₀	16.5

Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	11.698
EAN	7316577004710
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	220MM Bore; 340MM Outside Diameter; 37MM 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	16044
Weight / LBS	25.767

Bore	8.661 Inch 220 Millimeter
Outer Race Width	1.457 Inch 37 Millimeter
Outside Diameter	13.386 Inch 340 Millimeter
bore diameter:	220 mm
static load capacity:	204 kN
outside diameter:	340 mm
precision rating:	Not Rated
overall width:	37 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Brass
closure type:	Open
outer ring width:	37 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	2400 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	174 kN
$d_1 \approx$	261.5 mm
$D_1 \approx$	297.65 mm
$r_{1,2} \text{ min.}$	2.1 mm
$d_a \text{ min.}$	230 mm
$D_a \text{ max.}$	330 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	174 kN
Basic static load rating C_0	204 kN

Fatigue load limit P_u	5.2 kN
Calculation factor k_r	0.02
Calculation factor f_θ	16.5
Mass bearing	11.5 kg