

16032 SKF 240x160x25mm Fatigue load limit – Pu 3.2 kN Deep groove ball bearings

Bearing number	16032
Size (mm)	240x160x25
Brand	SKF
Bore Diameter (mm)	240
Outer Diameter (mm)	160
Width (mm)	25
d	160 mm
D	240 mm
B	25 mm
d ₁	185.8 mm
D ₁	213.3 mm
r _{1,2} – min.	1.5 mm
d _a – min.	167 mm
D _a – max.	233 mm
r _a – max.	1.5 mm
Basic dynamic load rating – C	99.5 kN
Basic static load rating – C ₀	108 kN
Fatigue load limit – P _u	3.2 kN
Reference speed	5600 r/min
Limiting speed	3600 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	3.68
EAN	7316577080479
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	160MM Bore; 240MM Outside Diameter; 25MM 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	16032
Weight / LBS	8.099

Outside Diameter	9.449 Inch 240 Millimeter
Outer Race Width	0.984 Inch 25 Millimeter
Bore	6.299 Inch 160 Millimeter
bore diameter:	160 mm
static load capacity:	108 kN
outside diameter:	240 mm
precision rating:	Not Rated
overall width:	25 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	25 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	3600 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	99.5 kN
$d_1 \approx$	185.8 mm
$D_1 \approx$	213.3 mm
$r_{1,2} \text{ min.}$	1.5 mm
$d_a \text{ min.}$	167 mm
$D_a \text{ max.}$	233 mm
$r_a \text{ max.}$	1.5 mm
Basic dynamic load rating C	99.5 kN
Basic static load rating C_0	108 kN

Fatigue load limit P_u	3.25 kN
Calculation factor k_r	0.02
Calculation factor f_θ	16.5
Mass bearing	3.66 kg