

# 16002 SKF 15x32x8mm overall width: 8 mm Deep groove ball bearings

Bearing number	16002
Size (mm)	15x32x8
Brand	SKF
Bore Diameter (mm)	15
Outer Diameter (mm)	32
Width (mm)	8
d	15 mm
D	32 mm
B	8 mm
C	8 mm
d1	20.5 mm
r1 min.	0.3 mm
r2 min.	0.3 mm
D1	26.7 mm
D2	28.2 mm
da min.	17 mm
Da max.	30 mm
rc max.	0.3 mm
Weight	0.03 Kg
Basic dynamic load rating (C)	5.85 kN
Basic static load rating (C0)	2.85 kN
Fatigue load limit (Pu)	0.12
Reference speed	50000 r/min
Limiting speed	32000 r/min

Calculation factor (f0)	14
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.028
EAN	7316577015815
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	15MM Bore; 32MM Outside Diameter; 8MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	16002

Weight / LBS	0.064
Bore	0.591 Inch   15 Millimeter
Outside Diameter	1.26 Inch   32 Millimeter
Outer Race Width	0.315 Inch   8 Millimeter
bore diameter:	15 mm
static load capacity:	2.85 kN
outside diameter:	32 mm
precision rating:	Not Rated
overall width:	8 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	8 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	32000 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	5.85 kN
$d_1 \approx$	20.5 mm
$D_2 \approx$	28.2 mm
$r_{1,2} \text{ min.}$	0.3 mm
$d_a \text{ min.}$	17 mm
$D_a \text{ max.}$	30 mm
$r_a \text{ max.}$	0.3 mm
Basic dynamic load rating C	5.85 kN

Basic static load rating $C_0$	2.85 kN
Fatigue load limit $P_u$	0.12 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	14
Mass bearing	0.026 kg