

# 16002-2Z SKF 15x32x8mm ra max. 0.3 mm Deep groove ball bearings

Bearing number	16002-2Z
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
d2	– mm
r1 min.	17 mm
r2 min.	17 mm
D1	28.2 mm
D2	0.3 mm
da min.	20.1 mm
Da max.	30 mm
ra max.	0.3 mm
Weight	0.025 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	26000 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	0.031
EAN	7316577015822
Product Group – BDI	B00308
Enclosure	2 Metal Shields
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; 2 Metal Shields; 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	16002-2Z
Weight / LBS	0.069
Outer Race Width	0.315 Inch   8 Millimeter
Outside Diameter	1.26 Inch   32 Millimeter
Bore	0.591 Inch   15 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:	Double Shielded
outer ring width:	8 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	26000 RPM
dynamic load capacity:	5.85 kN
series:	16
$d_1 \approx$	20.5 mm
$D_2 \approx$	28.2 mm
$r_{1,2} \text{ min.}$	0.3 mm
$d_a \text{ min.}$	17 mm
$d_a \text{ max.}$	20.1 mm

$D_a$ max.	30 mm
$r_a$ 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	0.025 kg