

# 16012 SKF Width 11mm 95x60x11mm Deep groove ball bearings

Category	Single Row Ball Bearings
BDI Inventory	6.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.301
EAN	7316577016706
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	60MM Bore; 95MM Outside Diameter; 11MM 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	16012
Weight / LBS	0.664
Outside Diameter	3.74 Inch   95 Millimeter
Bore	2.362 Inch   60 Millimeter
Outer Race Width	0.433 Inch   11 Millimeter
Bearing number	16012
Size (mm)	95x60x11
Brand	SKF
Bore Diameter (mm)	95
Outer Diameter (mm)	60
Width (mm)	11
d	60 mm
D	95 mm
B	11 mm
d <sub>1</sub>	72 mm
D <sub>1</sub>	83 mm
r <sub>1,2</sub> – min.	0.6 mm
d <sub>a</sub> – min.	63.2 mm
D <sub>a</sub> – max.	91.8 mm
r <sub>a</sub> – max.	0.6 mm
Basic dynamic load rating – C	20.8 kN
Basic static load rating – C <sub>0</sub>	15 kN
Fatigue load limit – P <sub>u</sub>	0.735 kN
Reference speed	15000 r/min
Limiting speed	9500 r/min

Calculation factor – $k_r$	0.02
Calculation factor – $f_0$	13.9
bore diameter:	60 mm
static load capacity:	15 kN
outside diameter:	95 mm
precision rating:	Not Rated
overall width:	11 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	11 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
maximum rpm:	9500 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	20.8 kN
$d_1 \approx$	72 mm
$D_1 \approx$	83 mm
$r_{1,2} \text{ min.}$	0.6 mm
$d_a \text{ min.}$	63.2 mm
$D_a \text{ max.}$	91.8 mm
$r_a \text{ max.}$	0.6 mm
Basic dynamic load rating C	20.8 kN
Basic static load rating $C_0$	15 kN
Fatigue load limit $P_u$	0.735 kN

Calculation factor $k_r$	0.02
Calculation factor $f_\theta$	13.9
Mass bearing	0.29 kg