

16015 SKF Width 13mm 115x75x13mm Deep groove ball bearings

Category	Single Row Ball Bearings
BDI Inventory	7.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.484
EAN	7316577015938
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	75MM Bore; 115MM Outside Diameter; 13MM 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	16015
Weight / LBS	1.067
Outside Diameter	4.528 Inch 115 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter
Bore	2.953 Inch 75 Millimeter
Bearing number	16015
Size (mm)	115x75x13
Brand	SKF
Bore Diameter (mm)	115
Outer Diameter (mm)	75
Width (mm)	13
d	75 mm
D	115 mm
B	13 mm
d ₁	88.3 mm
D ₁	101.8 mm
r _{1,2} – min.	0.6 mm
d _a – min.	78.2 mm
D _a – max.	111 mm
r _a – max.	0.6 mm
Basic dynamic load rating – C	30.2 kN
Basic static load rating – C ₀	27 kN
Fatigue load limit – P _u	1.1 kN
Reference speed	12000 r/min
Limiting speed	7500 r/min

Calculation factor – k_r	0.02
Calculation factor – f_0	16.4
bore diameter:	75 mm
static load capacity:	27 kN
outside diameter:	115 mm
precision rating:	Not Rated
overall width:	13 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
maximum rpm:	7500 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	30.2 kN
$d_1 \approx$	88.3 mm
$D_1 \approx$	101.8 mm
$r_{1,2} \text{ min.}$	0.6 mm
$d_a \text{ min.}$	78.2 mm
$D_a \text{ max.}$	111 mm
$r_a \text{ max.}$	0.6 mm
Basic dynamic load rating C	30.2 kN
Basic static load rating C_0	27 kN
Fatigue load limit P_u	1.14 kN

Calculation factor k_r	0.02
Calculation factor f_θ	16.4
Mass bearing	0.46 kg