

1215 SKF closure type: Open 75x130x25mm Self aligning ball bearings

Bearing number	1215
Size (mm)	75x130x25
Brand	SKF
Bore Diameter (mm)	75
Outer Diameter (mm)	130
Width (mm)	25
d	75 mm
D	130 mm
B	25 mm
C	25 mm
d2	93 mm
r1 min.	1.5 mm
r2 min.	1.5 mm
D1	116 mm
da min.	84 mm
Da max.	121 mm
ra max.	1.5 mm
Weight	1.35 Kg
Basic dynamic load rating (C)	39 kN
Basic static load rating (C0)	15.6 kN
Fatigue load limit (Pu)	0.8
Reference speed	10000 r/min
Limiting speed	6700 r/min
Calculation factor (e)	0.17

Calculation factor (kr)	0.04
Calculation factor (Y0)	4
Calculation factor (Y1)	3.7
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.351
EAN	7316576605024
Product Group – BDI	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
Long Description	75MM Bore; Shaft Mount; 130MM Outside Diameter; 25MM Inner Race Width; 25MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch – Metric	Metric
Category – BDI	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning

Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1215
Weight / LBS	2.976
Inner Race Width	0.984 Inch 25 Millimeter
Outer Race Width	0.984 Inch 25 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Bore	2.953 Inch 75 Millimeter
bore diameter:	75 mm
precision rating:	Not Rated
outside diameter:	130 mm
maximum rpm:	6700 RPM
overall width:	25 mm
cage material:	Steel
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	25 mm
internal clearance:	C0
fillet radius:	1.5 mm
dynamic load capacity:	39 kN
series:	1200
static load capacity:	15.6 kN
$d_1 \approx$	93.05 mm
$D_1 \approx$	114.2 mm
$r_{1,2} \text{ min.}$	1.5 mm
$d_a \text{ min.}$	84 mm
$D_a \text{ max.}$	121 mm
$r_a \text{ max.}$	1.5 mm

Basic dynamic load rating C	39 kN
Basic static load rating C_0	15.6 kN
Fatigue load limit P_u	0.8 kN
Permissible angular misalignment α	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.17
Calculation factor Y_0	4
Calculation factor Y_1	3.7
Calculation factor Y_2	5.7
Mass bearing	1.35 kg