



# Shandong Chik Bearing Co., Ltd.



215 Bearing 2D drawings and 3D CAD models

## Air Compressor Belt C-BT 215 Poly-V Belt (ORB1001)

Bearing No. 215

Size	130x75x25 mm
Bore Diameter	130 mm
Outer Diameter	75 mm
Width	25 mm
d	75 mm
D	130 mm
B	25 mm
d <sub>1</sub>	92.05 mm
D <sub>2</sub>	116.5 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	84 mm
D <sub>a</sub> - max.	121 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	72.1 kN
Basic static load rating - C <sub>0</sub>	72 kN
Fatigue load limit - P <sub>u</sub>	3 kN
Reference speed	9000 r/min
Limiting speed	5300 r/min
Calculation factor - k <sub>r</sub>	0.04
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.32



## Shandong Chik Bearing Co., Ltd.

Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	Yes
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; 130MM Outside Diameter; 25MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Category	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	215
Weight / LBS	2.9
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
static load capacity:	72 kN
outside diameter:	130 mm
precision rating:	ABEC 1 (ISO Class Normal)
overall width:	25 mm



## Shandong Chik Bearing Co., Ltd.

finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	25 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	5300 RPM
internal clearance:	C0
series:	21
dynamic load capacity:	72.1 kN
thrust application warning:	This product can not be used in Thrust Applications
$d_1$	92.05 mm
$D_2$	116.5 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	84 mm
$D_a$ max.	121 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	72.1 kN
Basic static load rating $C_0$	72 kN
Fatigue load limit $P_u$	3 kN
Calculation factor $k_r$	0.04
Mass bearing	1.25 kg