



# Machinery Parts Industry Co., Ltd.



1215 K Bearing 2D drawings and 3D CAD models

## 75 mm x 130 mm x 25 mm SKF 1215 K Self Aligning Ball Bearings

Bearing No. 1215 K

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.3
EAN	7316576605031
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-215
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   1:12 Taper
Long Description	75MM Bore; Tapered Adapter 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	Self Aligning Ball Bearings
UNSPSC	31171532



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Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	1215 K
Weight / LBS	2.866
d	2.953 Inch   75 Millimeter
Outer Race Width	0.984 Inch   25 Millimeter
D	5.118 Inch   130 Millimeter
Inner Race Width	0.984 Inch   25 Millimeter
bore diameter:	75 mm
static load capacity:	15.6 kN
outside diameter:	130 mm
precision rating:	Not Rated
overall width:	25 mm
maximum rpm:	6700 RPM
bore type:	Tapered 1:12
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
d	75 mm
D	130 mm
B	25 mm
d <sub>1</sub>	93.05 mm
D <sub>1</sub>	114.2 mm
r <sub>1,2</sub> min.	1.5 mm
D <sub>a</sub> max.	121 mm
r <sub>a</sub> max.	1.5 mm



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Basic dynamic load rating C	39 kN
Basic static load rating $C_0$	15.6 kN
Fatigue load limit $P_u$	0.8 kN
Reference speed	10000 r/min
Limiting speed	6700 r/min
Permissible angular misalignment	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	1.3 kg