



**SKF 6214-Z deep groove ball bearings**

Bearing No. 6214-Z

Size	125x70x24 mm
Bore Diameter	125 mm
Outer Diameter	70 mm
Width	24 mm
d	70 mm
D	125 mm
B	24 mm
d <sub>1</sub>	87.05 mm
D <sub>2</sub>	111 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	79 mm
d <sub>a</sub> - max.	87 mm
D <sub>a</sub> - max.	116 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	63.7 kN
Basic static load rating - C <sub>0</sub>	45 kN
Fatigue load limit - P <sub>u</sub>	1.9 kN
Reference speed	11000 r/min
Limiting speed	7000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	14.7
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A

6214-Z Bearing 2D drawings and 3D CAD models



## OMF Heavy Bearing Manufacturing Co.,Ltd

Weight / Kilogram	1.12
Product Group	B00308
Enclosure	1 Metal Shield
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	70MM Bore; 125MM Outside Diameter; 24MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; No 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	6214-Z
Weight / LBS	2.47
Outer Race Width	0.945 Inch   24 Millimeter
Outside Diameter	4.921 Inch   125 Millimeter
Bore	2.756 Inch   70 Millimeter
d <sub>1</sub>	87.05 mm
D <sub>2</sub>	111 mm
r <sub>1,2</sub> min.	1.5 mm
d <sub>a</sub> min.	79 mm



## OMF Heavy Bearing Manufacturing Co.,Ltd

$d_a$ max.	87 mm
$D_a$ max.	116 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	63.7 kN
Basic static load rating $C_0$	45 kN
Fatigue load limit $P_u$	1.9 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.7
Mass bearing	1.11 kg