



6230 Bearing 2D drawings and 3D CAD models

## SKF 6230 BALL BEARING

Bearing No. 6230

Size	270x150x45 mm
Bore Diameter	270 mm
Outer Diameter	150 mm
Width	45 mm
d	150 mm
D	270 mm
B	45 mm
d <sub>1</sub>	190.6 mm
D <sub>1</sub>	227.35 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	164 mm
D <sub>a</sub> - max.	256 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	174 kN
Basic static load rating - C <sub>0</sub>	166 kN
Fatigue load limit - P <sub>u</sub>	4.9 kN
Reference speed	5000 r/min
Limiting speed	3200 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	10.278



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EAN	7316577297532
Product Group	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	150MM Bore; 270MM Outside Diameter; 45MM Outer Race Diameter; Open; 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	6230
Weight / LBS	22.638
Bore	5.906 Inch   150 Millimeter
Outer Race Width	1.772 Inch   45 Millimeter
Outside Diameter	10.63 Inch   270 Millimeter
bore diameter:	150 mm
static load capacity:	166 kN
outside diameter:	270 mm
precision rating:	Not Rated



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overall width:	45 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	45 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	3200 RPM
internal clearance:	C0
series:	62
dynamic load capacity:	174 kN
$d_1$	190.6 mm
$D_1$	227.35 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	164 mm
$D_a$ max.	256 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	174 kN
Basic static load rating $C_0$	166 kN
Fatigue load limit $P_u$	4.9 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.1
Mass bearing	10.1 kg