



# BROWNING BEARING COMPANY



140 mm x 210 mm x 33 mm skf 6028 bearing

Bearing No. 6028

6028 Bearing 2D drawings and 3D CAD models

Size	210x140x33 mm
Bore Diameter	210 mm
Outer Diameter	140 mm
Width	33 mm
d	140 mm
D	210 mm
B	33 mm
d <sub>1</sub>	162.6 mm
D <sub>2</sub>	191.5 mm
d <sub>a</sub> - min.	149 mm
D <sub>a</sub> - max.	201 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	111 kN
Basic static load rating - C <sub>0</sub>	108 kN
Fatigue load limit - P <sub>u</sub>	3.4 kN
Reference speed	6700 r/min
Limiting speed	4000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	16
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.51
EAN	7316576621321



## BROWNING BEARING COMPANY

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	140MM Bore; 210MM Outside Diameter; 33MM 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	6028
Weight / LBS	7.72
Outer Race Width	1.299 Inch   33 Millimeter
Outside Diameter	8.268 Inch   210 Millimeter
Bore	5.512 Inch   140 Millimeter
bore diameter:	140 mm
static load capacity:	108 kN
outside diameter:	210 mm
precision rating:	ABEC 1 (ISO Class Normal)



## BROWNING BEARING COMPANY

overall width:	33 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	33 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	4000 RPM
internal clearance:	C0
series:	60
dynamic load capacity:	111 kN
$d_1$	162.6 mm
$D_2$	191.5 mm
$r_{1,2}$ min.	2 mm
$d_a$ min.	149 mm
$D_a$ max.	201 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	111 kN
Basic static load rating $C_0$	108 kN
Fatigue load limit $P_u$	3.45 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	16
Mass bearing	3.45 kg