



# BEARING MANUFACTURING DE MEXICO, S.A.D...



140 mm x 210 mm x 22 mm SKF 16028 deep groove ball bearings

Bearing No. 16028

16028 Bearing 2D drawings and 3D CAD models

Size	210x140x22 mm
Bore Diameter	210 mm
Outer Diameter	140 mm
Width	22 mm
d	140 mm
D	210 mm
B	22 mm
d <sub>1</sub>	163.55 mm
D <sub>1</sub>	185.5 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	146 mm
D <sub>a</sub> - max.	204 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	80.6 kN
Basic static load rating - C <sub>0</sub>	86.5 kN
Fatigue load limit - P <sub>u</sub>	2.8 kN
Reference speed	6700 r/min
Limiting speed	4000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	16.5
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## BEARING MANUFACTURING DE MEXICO, S.A.D...

Weight / Kilogram	2.559
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; 22MM 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	16028
Weight / LBS	5.637
Outside Diameter	8.268 Inch   210 Millimeter
Outer Race Width	0.866 Inch   22 Millimeter
Bore	5.512 Inch   140 Millimeter
bore diameter:	140 mm
static load capacity:	86.5 kN
outside diameter:	210 mm
precision rating:	Not Rated



## BEARING MANUFACTURING DE MEXICO,S.A.D...

overall width:	22 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	22 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	4000 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	80.6 kN
$d_1$	163.55 mm
$D_1$	185.5 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	146 mm
$D_a$ max.	204 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	80.6 kN
Basic static load rating $C_0$	86.5 kN
Fatigue load limit $P_u$	2.8 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	16.5
Mass bearing	2.53 kg