

# 16026 SKF maximum rpm: 4300 RPM 200x130x22mm Deep groove ball bearings

Bearing number	16026
Size (mm)	200x130x22
Brand	SKF
Bore Diameter (mm)	200
Outer Diameter (mm)	130
Width (mm)	22
d	130 mm
D	200 mm
B	22 mm
d <sub>1</sub>	153.55 mm
D <sub>1</sub>	175.5 mm
r <sub>1,2</sub> – min.	1.1 mm
d <sub>a</sub> – min.	136 mm
D <sub>a</sub> – max.	192 mm
r <sub>a</sub> – max.	1 mm
Basic dynamic load rating – C	83.2 kN
Basic static load rating – C <sub>0</sub>	81.5 kN
Fatigue load limit – P <sub>u</sub>	2.7 kN
Reference speed	7000 r/min
Limiting speed	4300 r/min
Calculation factor – k <sub>r</sub>	0.02
Calculation factor – f <sub>0</sub>	16.4

Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.382
EAN	7316577080448
Product Group – BDI	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	130MM Bore; 200MM Outside Diameter; 22MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category – BDI	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	16026
Weight / LBS	5.246

Outside Diameter	7.874 Inch   200 Millimeter
Outer Race Width	0.866 Inch   22 Millimeter
Bore	5.118 Inch   130 Millimeter
bore diameter:	130 mm
static load capacity:	81.5 kN
outside diameter:	200 mm
precision rating:	Not Rated
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:	4300 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	83.2 kN
$d_1 \approx$	153.55 mm
$D_1 \approx$	175.5 mm
$r_{1,2} \text{ min.}$	1.1 mm
$d_a \text{ min.}$	136 mm
$D_a \text{ max.}$	192 mm
$r_a \text{ max.}$	1 mm
Basic dynamic load rating C	83.2 kN
Basic static load rating $C_0$	81.5 kN

Fatigue load limit $P_u$	2.7 kN
Calculation factor $k_r$	0.02
Calculation factor $f_\theta$	16.4
Mass bearing	2.36 kg