

# 16034 SKF Fatigue load limit Pu 3.75 kN 260x170x28mm Deep groove ball bearings

Bearing number	16034
Size (mm)	260x170x28
Brand	SKF
Bore Diameter (mm)	260
Outer Diameter (mm)	170
Width (mm)	28
d	170 mm
D	260 mm
B	28 mm
d <sub>1</sub>	200.25 mm
D <sub>1</sub>	228.7 mm
r <sub>1,2</sub> – min.	1.5 mm
d <sub>a</sub> – min.	177 mm
D <sub>a</sub> – max.	253 mm
r <sub>a</sub> – max.	1.5 mm
Basic dynamic load rating – C	119 kN
Basic static load rating – C <sub>0</sub>	129 kN
Fatigue load limit – P <sub>u</sub>	3.8 kN
Reference speed	5300 r/min
Limiting speed	3200 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	5.013
EAN	7316577004673
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	170MM Bore; 260MM Outside Diameter; 28MM 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	16034
Weight / LBS	11.042

Bore	6.693 Inch   170 Millimeter
Outer Race Width	1.102 Inch   28 Millimeter
Outside Diameter	10.236 Inch   260 Millimeter
bore diameter:	170 mm
static load capacity:	129 kN
outside diameter:	260 mm
precision rating:	Not Rated
overall width:	28 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	28 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	3200 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	119 kN
$d_1 \approx$	200.25 mm
$D_1 \approx$	228.7 mm
$r_{1,2} \text{ min.}$	1.5 mm
$d_a \text{ min.}$	177 mm
$D_a \text{ max.}$	253 mm
$r_a \text{ max.}$	1.5 mm
Basic dynamic load rating C	119 kN
Basic static load rating $C_0$	129 kN

Fatigue load limit $P_u$	3.75 kN
Calculation factor $k_r$	0.02
Calculation factor $f_\theta$	16.4
Mass bearing	5.02 kg