16006 SKF Mass bearing 0.089 kg 55x30x9mm Deep groove ball bearings

Category	Single Row Ball Bearings
BDI Inventory	31.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.094
EAN	7316576676635
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	30MM Bore; 55MM Outside Diameter; 9MM 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	http://www.skf.com
Manufacturer Item Number	16006
Weight / LBS	0.207
Outer Race Width	0.354 Inch | 9 Millimeter
Outside Diameter	2.165 Inch | 55 Millimeter
Bore	1.181 Inch | 30 Millimeter
Bearing number	16006
Size (mm)	55x30x9
Brand	SKF
Bore Diameter (mm)	55
Outer Diameter (mm)	30
Width (mm)	9
d	30 mm
D	55 mm
B	9 mm
d_1	37.7 mm
D_1	47.3 mm
$r_{1,2}$ – min.	0.3 mm
d_a – min.	32 mm
D_a – max.	53 mm
r_a – max.	0.3 mm
Basic dynamic load rating – C	11.9 kN
Basic static load rating – C_0	7.4 kN
Fatigue load limit – P_u	0.31 kN
Reference speed	28000 r/min
Limiting speed	17000 r/min

Calculation factor – k_r	0.02
Calculation factor – f_0	15
bore diameter:	30 mm
static load capacity:	7.35 kN
outside diameter:	55 mm
precision rating:	Not Rated
overall width:	9 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	17000 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	11.9 kN
$d_1 \approx$	37.7 mm
$D_1 \approx$	47.3 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	32 mm
D_a max.	53 mm
r_a max.	0.3 mm
Basic dynamic load rating C	11.9 kN
Basic static load rating C_0	7.35 kN
Fatigue load limit P_u	0.31 kN

Calculation factor k_r	0.02
Calculation factor f_0	15
Mass bearing	0.089 kg