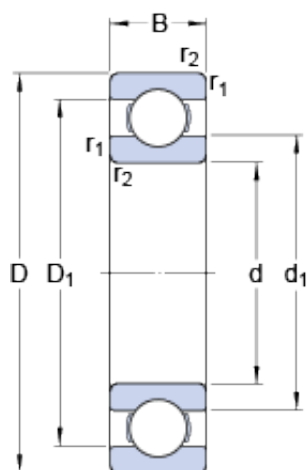




Bearing No. 16006

D	55 mm
d	30 mm
B	9 mm
Bore	1.181 Inch 30 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	16
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	31.0
Size (mm)	55x30x9
Snap Ring	No
Width (mm)	9
bore type:	Round
Weight / LBS	0.207
Mass bearing	0.089 kg
maximum rpm:	17000 RPM
closure type:	Open
D ₁	47.3 mm
d ₁	37.7 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	30 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	0.3 mm
overall width:	9 mm
Bearing number	16006

Limiting speed	17000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	28000 r/min
Outer Race Width	0.354 Inch 9 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	2.165 Inch 55 Millimeter
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
Manufacturer Name	SKF
Weight / Kilogram	0.094
outer ring width:	9 mm
precision rating:	Not Rated
outside diameter:	55 mm
Internal Clearance	C0-Medium
D _a max.	53 mm
Bore Diameter (mm)	55
d _a min.	32 mm
r _a max.	0.3 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	30
Minimum Buy Quantity	N/A
r _{1,2} min.	0.3 mm
r _a - max.	0.3 mm
D _a - max.	53 mm
d _a - min.	32 mm

static load capacity:	7.35 kN
d_1 ?	37.7 mm
D_1 ?	47.3 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	11.9 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.3 mm
Manufacturer Item Number	16006
Internal Special Features	No
Basic dynamic load rating C	11.9 kN
Basic dynamic load rating - C	11.9 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.31 kN
Calculation factor k_r	0.02
Calculation factor f_0	15
Fatigue load limit - P_u	0.31 kN
Calculation factor - k_r	0.02
Calculation factor - f_0	15
Basic static load rating C_0	7.35 kN
Basic static load rating - C_0	7.4 kN