



BEARING DRIVESHAFT, INC.



45 mm x 75 mm x 10 mm skf 16009 bearing

Bearing No. 16009

16009 Bearing 2D drawings and 3D CAD models

Size	75x45x10 mm
Bore Diameter	75 mm
Outer Diameter	45 mm
Width	10 mm
d	45 mm
D	75 mm
B	10 mm
d ₁	55 mm
D ₁	65 mm
r _{1,2} - min.	
d _a - min.	48.2 mm
D _a - max.	71.8 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	16.5 kN
Basic static load rating - C ₀	10.8 kN
Fatigue load limit - P _u	0.52 kN
Reference speed	20000 r/min
Limiting speed	12000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	14.2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.181



BEARING DRIVESHAFT, INC.

EAN	7316577015853
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	45MM Bore; 75MM Outside Diameter; 10MM 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	http://www.skf.com
Manufacturer Item Number	16009
Weight / LBS	0.399
Outside Diameter	2.953 Inch 75 Millimeter
Bore	1.772 Inch 45 Millimeter
Outer Race Width	0.394 Inch 10 Millimeter
bore diameter:	45 mm
static load capacity:	10.8 kN
outside diameter:	75 mm
precision rating:	Not Rated



BEARING DRIVESHAFT, INC.

overall width:	10 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	10 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
maximum rpm:	12000 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	16.5 kN
d_1	55 mm
D_1	65 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	48.2 mm
D_a max.	71.8 mm
r_a max.	0.6 mm
Basic dynamic load rating C	16.5 kN
Basic static load rating C_0	10.8 kN
Fatigue load limit P_u	0.52 kN
Calculation factor k_r	0.02
Calculation factor f_0	14.2
Mass bearing	0.17 kg