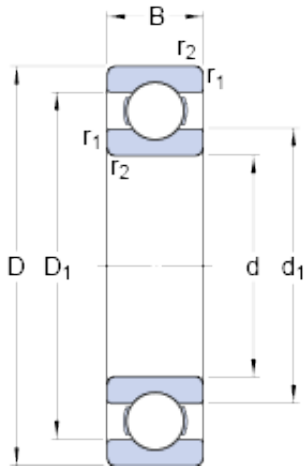




NACHI BEARINGS TRAINING INDUSTRY



45 mm x 75 mm x 10 mm SKF 16009 deep groove ball bearings

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



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Weight / Kilogram	0.181
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



NACHI BEARINGS TRAINING INDUSTRY

precision rating:	Not Rated
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