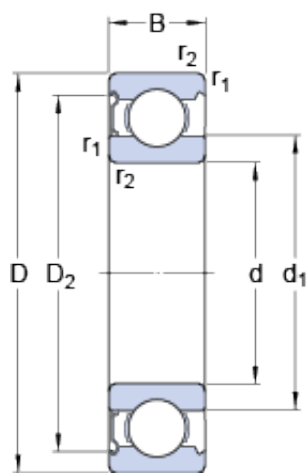




Bearing No. 6009-Z

D	75 mm
d	45 mm
B	16 mm
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	4.0
Enclosure	1 Metal Shield
Size (mm)	75x45x16
Snap Ring	No
Width (mm)	16
Mass bearing	0.25 kg
Weight / LBS	0.56
Inch - Metric	Metric
Cage Material	Steel
D ₂	67.8 mm
d ₁	54.75 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6009-Z
Limiting speed	12000 r/min
Reference speed	20000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outer Race Width	0.63 Inch 16 Millimeter
Long Description	45MM Bore; 75MM Outside Diameter; 16MM Outer Race

	Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	2.953 Inch 75 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.254
d _a max.	54.7 mm
Internal Clearance	C0-Medium
d _a min.	50.8 mm
D _a max.	69.2 mm
Bore Diameter (mm)	75
r _a max.	1 mm
Outer Diameter (mm)	45
r _{1,2} min.	1 mm
D _a - max.	69.2 mm
d _a - min.	50.8 mm
d _a - max.	54.7 mm
r _a - max.	1 mm
Minimum Buy Quantity	N/A
d ₁ ?	54.75 mm
D ₂ ?	67.8 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1 mm
Manufacturer Item Number	6009-Z
Internal Special Features	No
Basic dynamic load rating C	22.1 kN
Basic dynamic load rating - C	22.1 kN

Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.64 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.9
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.64 kN
Calculation factor - f_0	14.9
Basic static load rating C_0	14.6 kN
Basic static load rating - C_0	14.6 kN