



Bearing No. 638/4-2Z

D	9 mm
d	4 mm
B	4 mm
Bore	0.157 Inch 4 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	9x4x4
Snap Ring	No
Width (mm)	4
Mass bearing	0.0013 kg
Weight / LBS	0.0013
Inch - Metric	Metric
Cage Material	Steel
D ₂	8.1 mm
d ₁	5.2 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	638/4-2Z
Limiting speed	70000 r/min
Rolling Element	Ball Bearing
Reference speed	140000 r/min
Precision Class	ABEC 1 ISO P0
Outer Race Width	0.157 Inch 4 Millimeter
Outside Diameter	0.354 Inch 9 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	4MM Bore; 9MM

	Outside Diameter; 4MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel C
Inner Race Width	0 Inch 0 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.001
D _a max.	8.4 mm
Bore Diameter (mm)	9
d _a max.	5.1 mm
Internal Clearance	C0-Medium
r _a max.	0.1 mm
d _a min.	4.6 mm
Outer Diameter (mm)	4
r _a - max.	0.1 mm
D _a - max.	8.4 mm
d _a - min.	4.6 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	0.1 mm
d _a - max.	5.1 mm
D ₂ ?	8.1 mm
d ₁ ?	5.2 mm
r _{1,2} - min.	0.1 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	No
Basic dynamic load rating C	0.423 kN
Basic dynamic load rating - C	0.54 kN
Maximum Capacity /	No

Filling Slot	
Fatigue load limit P_u	0.005 kN
Calculation factor k_r	0.015
Calculation factor f_0	6.5
Calculation factor - k_r	0.015
Fatigue load limit - P_u	0.07 kN
Calculation factor - f_0	10
Basic static load rating C_0	0.116 kN
Basic static load rating - C_0	0.18 kN