



Bearing No. 638/5-2Z

D	11 mm
d	5 mm
B	5 mm
Bore	0.197 Inch 5 Millimeter
Noun	Bearing
UNSPSC	31171504
weight:	0.0035 lb
Category	Single Row Ball Bearing
Enclosure	2 Metal Shields
Inventory	0.0
Size (mm)	11x5x5
Snap Ring	No
Width (mm)	5
bore type:	Round
Weight / LBS	0.0016
Mass bearing	0.0016 kg
maximum rpm:	120000 rpm
closure type:	Double Shielded
D ₂	9.9 mm
d ₂	6.2 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	5 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	0.15 mm
Other Features	Deep Groove
overall width:	5 mm
Bearing number	638/5-2Z

Limiting speed	60000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	120000 r/min
Outer Race Width	0.197 Inch 5 Millimeter
Outside Diameter	0.433 Inch 11 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Long Description	5MM Bore; 11MM Outside Diameter; 5MM 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
Manufacturer URL	http://www.skf.com
bearing material:	Steel
outside diameter:	11 mm
Manufacturer Name	SKF
Weight / Kilogram	0.002
D _a max.	10.2 mm
d _a min.	5.8 mm
Bore Diameter (mm)	11
Internal Clearance	C0-Medium
r _a max.	0.1 mm
d _a max.	6 mm
Outer Diameter (mm)	5
snap ring included:	Without Snap Ring
r _a - max.	0.1 mm
r _{1,2} min.	0.15 mm
D _a - max.	10.2 mm

d_a - max.	6 mm
d_a - min.	5.8 mm
Minimum Buy Quantity	N/A
static load capacity:	0.26 kN
d_2 ?	6.2 mm
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	9.9 mm
dynamic load capacity:	0.64 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.15 mm
manufacturer upc number:	7316570260175
Manufacturer Item Number	638/5-2Z
Internal Special Features	No
manufacturer product page:	Click here
Basic dynamic load rating C	0.468 kN
operating temperature range:	-40 to 212 °F °F
Basic dynamic load rating - C	0.64 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.006 kN
Calculation factor k_r	0.015
Calculation factor f_0	7.1
Calculation factor - f_0	11
Fatigue load limit - P_u	0.011 kN
Calculation factor - k_r	0.015
Basic static load rating C_0	0.143 kN

Basic static load rating - C_0	0.26 kN
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