



### Bearing No. 638/8-2Z

C	6 mm
d	8 mm
D	16 mm
B	6 mm
d2	9,6 mm
D2	0,2 mm
D1	14,2 mm
d1	- mm
Noun	Bearing
Bore	0.315 Inch   8 Millimeter
UNSPSC	31171504
Weight	0,0043 Kg
r1 min.	9,4 mm
r2 min.	9,4 mm
Da max.	14,6 mm
ra max.	0,2 mm
da min.	9,5 mm
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	8x16x6
Inventory	0.0
Enclosure	2 Metal Shields
Width (mm)	6
Weight / LBS	0.014
Mass bearing	0.0043 kg
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball

Bearing number	638/8-2Z
Limiting speed	45000 r/min
Rolling Element	Ball Bearing
Reference speed	90000 r/min
Precision Class	ABEC 1   ISO P0
Long Description	8MM Bore; 16MM Outside Diameter; 6MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	0.236 Inch   6 Millimeter
Outside Diameter	0.63 Inch   16 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Weight / Kilogram	0.006
Manufacturer Name	SKF
Internal Clearance	C0-Medium
d <sub>a</sub> min.	9.4 mm
d <sub>a</sub> max.	9.5 mm
D <sub>a</sub> max.	14.6 mm
r <sub>a</sub> max.	0.2 mm
Bore Diameter (mm)	8
Outer Diameter (mm)	16
r <sub>1,2</sub> min.	0.2 mm
Minimum Buy Quantity	N/A
d <sub>2</sub> ?	9.65 mm
D <sub>2</sub> ?	14.2 mm
Harmonized Tariff Code	8482.10.50.68
Calculation factor (f <sub>0</sub> )	11
Fatigue load limit (Pu)	0,024

Manufacturer Item Number	638/8-2Z
Internal Special Features	No
Basic dynamic load rating C	0.819 kN
Basic dynamic load rating (C)	1,33 kN
Basic static load rating (C0)	0,57 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.012 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	7.5
Basic static load rating $C_0$	0.3 kN