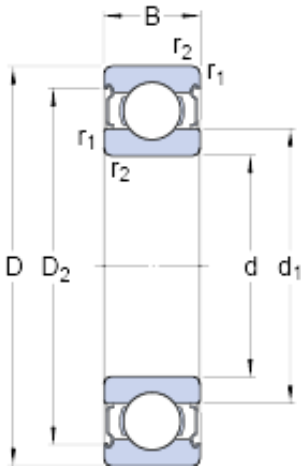




BEARINGS(UK)LTD.

8 mm x 12 mm x 3.5 mm skf W 637/8-2Z Deep groove ball bearings

Bearing No. W 637/8-2Z



W 637/8-2Z Bearing 2D drawings and 3D CAD models

Size	12x8x3.5 mm
Bore Diameter	12 mm
Outer Diameter	8 mm
Width	3,5 mm
d	8 mm
D	12 mm
B	3.5 mm
d ₁	9 mm
D ₂	11.31 mm
r _{1,2} - min.	0.1 mm
d _a - min.	8.8 mm
d _a - max.	8.9 mm
D _a - max.	11.5 mm
r _a - max.	0.1 mm
Basic dynamic load rating - C	0.364 kN
Basic static load rating - C ₀	0.143 kN
Fatigue load limit - P _u	0.006 kN
Reference speed	100000 r/min
Limiting speed	53000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	8.2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



BEARINGS(UK)LTD.

Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Stainless Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	8MM Bore; 12MM Outside Diameter; 3.5MM 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; Stai
Other Features	Deep Groove
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
Weight / LBS	0.0024
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.138 Inch 3.5 Millimeter
Bore	0.315 Inch 8 Millimeter
Outside Diameter	0.472 Inch 12 Millimeter
d ₁	9 mm



BEARINGS(UK)LTD.

D_2	11.31 mm
$r_{1,2}$ min.	0.1 mm
d_a min.	8.6 mm
d_a max.	8.9 mm
D_a max.	11.5 mm
r_a max.	0.1 mm
Basic dynamic load rating C	0.312 kN
Basic static load rating C_0	0.14 kN
Fatigue load limit P_u	0.006 kN
Calculation factor k_r	0.02
Calculation factor f_0	8.2
Mass bearing	0.001 kg