



**Bearing No. W 61802-2Z**

D	24 mm
d	15 mm
B	5 mm
Bore	0.591 Inch   15 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	24x15x5
Snap Ring	No
Width (mm)	5
Mass bearing	0.0067 kg
Weight / LBS	0.021
Inch - Metric	Metric
Cage Material	Stainless Steel
D <sub>2</sub>	22.15 mm
d <sub>2</sub>	16.8 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	W 61802-2Z
Limiting speed	30000 r/min
Rolling Element	Ball Bearing
Reference speed	60000 r/min
Precision Class	ABEC 1   ISO P0
Outside Diameter	0.945 Inch   24 Millimeter
Outer Race Width	0.197 Inch   5 Millimeter

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	15MM Bore; 24MM 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; Stain
Inner Race Width	0 Inch   0 Millimeter
Weight / Kilogram	0.007
Manufacturer Name	SKF
D <sub>a</sub> max.	22.5 mm
Bore Diameter (mm)	24
d <sub>a</sub> max.	16.5 mm
Internal Clearance	C0-Medium
r <sub>a</sub> max.	0.3 mm
d <sub>a</sub> min.	16.5 mm
Outer Diameter (mm)	15
r <sub>a</sub> - max.	0.3 mm
D <sub>a</sub> - max.	22.5 mm
d <sub>a</sub> - min.	16.5 mm
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	0.3 mm
d <sub>a</sub> - max.	16.5 mm
D <sub>2</sub> ?	22.15 mm
d <sub>2</sub> ?	16.8 mm
r <sub>1,2</sub> - min.	0.3 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	W 61802-2Z
Internal Special Features	No
Basic dynamic load	1.65 kN

rating C	
Basic dynamic load rating - C	1.6 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.048 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	13.8
Calculation factor - $k_r$	0.02
Fatigue load limit - $P_u$	0.048 kN
Calculation factor - $f_0$	13.8
Basic static load rating $C_0$	1.08 kN
Basic static load rating - $C_0$	1.1 kN