



Bearing No. 6004-2Z

D	42 mm
d	20 mm
B	12 mm
Bore	0.787 Inch 20 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	42x20x12
Snap Ring	No
Width (mm)	12
Mass bearing	0.071 kg
Weight / LBS	0.163
Inch - Metric	Metric
Cage Material	Steel
D ₂	37.19 mm
d ₁	27.2 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6004-2Z
Limiting speed	19000 r/min
Rolling Element	Ball Bearing
Reference speed	38000 r/min
Precision Class	ABEC 1 ISO P0
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter

Outside Diameter	1.654 Inch 42 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	20MM Bore; 42MM Outside Diameter; 12MM 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; Stee
Manufacturer Name	SKF
Weight / Kilogram	0.075
Internal Clearance	C0-Medium
d _a min.	23.2 mm
d _a max.	27.1 mm
D _a max.	38.8 mm
r _a max.	0.6 mm
Bore Diameter (mm)	42
Outer Diameter (mm)	20
r _{1,2} min.	0.6 mm
r _a - max.	0.6 mm
D _a - max.	38.8 mm
d _a - max.	27.1 mm
d _a - min.	23.2 mm
Minimum Buy Quantity	N/A
D ₂ ?	37.19 mm
d ₁ ?	27.2 mm
r _{1,2} - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6004-2Z
Internal Special Features	No

Basic dynamic load rating C	9.95 kN
Basic dynamic load rating - C	10 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.212 kN
Calculation factor k_r	0.025
Calculation factor f_0	14
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.212 kN
Calculation factor - f_0	14
Basic static load rating C_0	5 kN
Basic static load rating - C_0	5 kN