



Bearing No. W 6004-2RS1

D	42 mm
d	20 mm
B	12 mm
Bore	0.787 Inch 20 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	42x20x12
Enclosure	2 Seals
Inventory	4.0
Width (mm)	12
Weight / LBS	0.15
Mass bearing	0.064 kg
Product Group	B00308
d ₁	27.6 mm
D ₂	38.7 mm
Inch - Metric	Metric
Cage Material	Stainless Steel
Bearing number	W 6004-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove NBR Seal
Limiting speed	11000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Long Description	20MM Bore; 42MM Outside Diameter;

	12MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless St
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.065
r_a max.	0.6 mm
Internal Clearance	C0-Medium
D_a max.	39.5 mm
d_a max.	27.5 mm
d_a min.	24 mm
Bore Diameter (mm)	42
Outer Diameter (mm)	20
r_a - max.	0.6 mm
$r_{1,2}$ min.	0.6 mm
D_a - max.	39.5 mm
d_a - min.	24 mm
d_a - max.	27.5 mm
Minimum Buy Quantity	N/A
d_1 ?	27.6 mm
D_2 ?	38.75 mm
$r_{1,2}$ - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	W 6004-2RS1
Internal Special Features	No

Basic dynamic load rating C	8.06 kN
Basic dynamic load rating - C	9.4 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.212 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.9
Fatigue load limit - P_u	0.212 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	13.9
Basic static load rating C_0	5 kN
Basic static load rating - C_0	5.1 kN