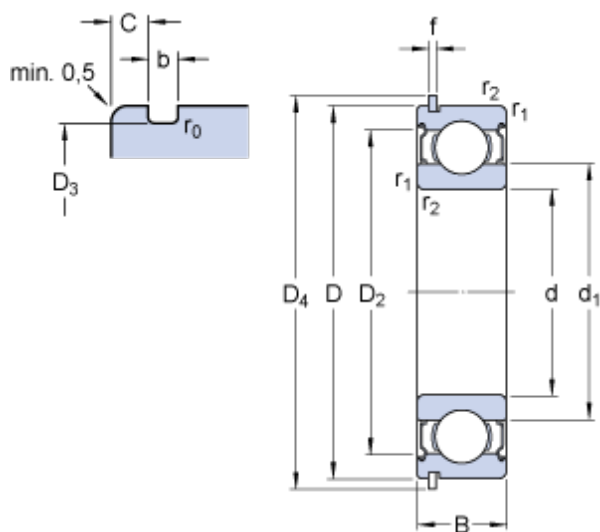




Bearing No. 6004-2ZNR

D	42 mm
d	20 mm
B	12 mm
b	1.35 mm
C	2.06 mm
f	1.12 mm
Noun	Bearing
Bore	0.787 Inch 20 Millimeter
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Snap ring	SP 42
Snap Ring	Yes
Inventory	0.0
Size (mm)	42x20x12
Enclosure	2 Metal Shields
Width (mm)	12
bore type:	Round
Weight / LBS	0.18
maximum rpm:	24000 RPM
Mass bearing	0.069 kg
r_0	0.4 mm
Product Group	B00308
closure type:	Double Shielded
D_4	46.3 mm
Cage Material	Steel
D_3	39.75 mm
D_4	46.3 mm
D_3	39.75 mm

D ₂	37.19 mm
d ₁	27.2 mm
Inch - Metric	Metric
Keyword String	Ball
bore diameter:	20 mm
overall width:	12 mm
cage material:	Steel
fillet radius:	0.6 mm
Bearing number	6004-2ZNR
Limiting speed	19000 r/min
Reference speed	38000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Long Description	20MM Bore; 42MM Outside Diameter; 12MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Outer Race Width	0.472 Inch 12 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Manufacturer URL	http://www.skf.com
outer ring width:	12 mm
precision rating:	Not Rated
outside diameter:	42 mm
Weight / Kilogram	0.076
Manufacturer Name	SKF
d _a min.	23.2 mm
r ₀ max.	0.4 mm

r_a max.	0.6 mm
C_a max.	3.18 mm
b_a min.	1.5 mm
D_b min.	48 mm
D_a max.	38.8 mm
d_a max.	27.1 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	42
Outer Diameter (mm)	20
internal clearance:	C0
snap ring included:	With Snap Ring
$r_{1,2}$ min.	0.6 mm
d_a - max.	27.1 mm
d_a - min.	23.2 mm
D_a - max.	38.8 mm
D_b - min.	48 mm
Minimum Buy Quantity	N/A
r_a - max.	0.6 mm
C_a - max.	3.18 mm
b_a - min.	1.5 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	5 kN
D_2 ?	37.19 mm
d_1 ?	27.2 mm
dynamic load capacity:	9.95 kN
$r_{1,2}$ - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6004-2ZNR
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 f_0	14
Calculation factor k_r	0.025
Calculation factor - k_r	0.025
Calculation factor - f_0	14
Fatigue load limit - P_u	0.212 kN
Basic static load rating C_0	5 kN
Basic static load rating - C_0	5 kN