



Bearing No. 61804-2RS1

D	32 mm
d	20 mm
B	7 mm
Noun	Bearing
Bore	0.787 Inch 20 Millimeter
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Inventory	2.0
Enclosure	2 Seals
Size (mm)	32x20x7
Snap Ring	No
Width (mm)	7
bore type:	Round
Weight / LBS	0.04
Mass bearing	0.018 kg
maximum rpm:	13000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Double Sealed
D ₂	29.4 mm
d ₁	23.85 mm
Keyword String	Ball
bore diameter:	20 mm
cage material:	Steel
fillet radius:	0.3 mm
Enclosure Type	Contact Seal
overall width:	7 mm

Bearing number	61804-2RS1
Limiting speed	13000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.skf.com
Long Description	20MM Bore; 32MM Outside Diameter; 7MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.276 Inch 7 Millimeter
Outside Diameter	1.26 Inch 32 Millimeter
precision rating:	Not Rated
outside diameter:	32 mm
outer ring width:	7 mm
Weight / Kilogram	0.02
Manufacturer Name	SKF
d _a min.	22 mm
d _a max.	23.6 mm
D _a max.	30 mm
Bore Diameter (mm)	32
Internal Clearance	C0-Medium
r _a max.	0.3 mm
Outer Diameter (mm)	20
internal clearance:	C0
d _a - max.	23.6 mm
d _a - min.	22 mm
r _{1,2} min.	0.6 mm
r _a - max.	0.3 mm
D _a - max.	30 mm

Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	2.32 kN
D_2 ?	29.4 mm
d_1 ?	23.85 mm
dynamic load capacity:	4.03 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	61804 -2RS1/LHT23
Internal Special Features	No
Basic dynamic load rating C	4.03 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	4 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.104 kN
Calculation factor k_r	0.015
Calculation factor f_0	14.5
Fatigue load limit - P_u	0.104 kN
Calculation factor - k_r	0.015
Calculation factor - f_0	14.5
Basic static load rating C_0	2.32 kN
Basic static load rating - C_0	2.3 kN