



Bearing No. 6218-2RS1

D	160 mm
d	90 mm
B	30 mm
Noun	Bearing
Bore	3.543 Inch 90 Millimeter
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	160x90x30
Enclosure	2 Seals
Inventory	0.0
Snap Ring	No
Width (mm)	30
bore type:	Round
Weight / LBS	5.01
Mass bearing	2.31 kg
maximum rpm:	2600 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	142.6 mm
closure type:	Double Sealed
d ₁	112.5 mm
Keyword String	Ball
bore diameter:	90 mm
cage material:	Steel
fillet radius:	2 mm
Enclosure Type	Contact Seal
overall width:	30 mm

Bearing number	6218-2RS1
Limiting speed	2600 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outer Race Width	1.181 Inch 30 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	90MM Bore; 160MM Outside Diameter; 30MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	30 mm
precision rating:	Not Rated
Weight / Kilogram	2.303
Manufacturer Name	SKF
outside diameter:	160 mm
d _a max.	112 mm
d _a min.	101 mm
r _a max.	2 mm
Bore Diameter (mm)	160
D _a max.	149 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	90
internal clearance:	C0
d _a - max.	112 mm
d _a - min.	101 mm
r _{1,2} min.	2 mm
D _a - max.	149 mm

Minimum Buy Quantity	N/A
r_a - max.	2 mm
D_2 ?	142.6 mm
static load capacity:	73.5 kN
row type & fill slot:	Single Row Non-Fill Slot
d_1 ?	112.5 mm
dynamic load capacity:	101 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2 mm
Manufacturer Item Number	6218 2RS1
Internal Special Features	No
Basic dynamic load rating C	101 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	101 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.8 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.7
Fatigue load limit - P_u	2.8 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	14.7
Basic static load rating C_0	73.5 kN
Basic static load rating - C_0	73.5 kN