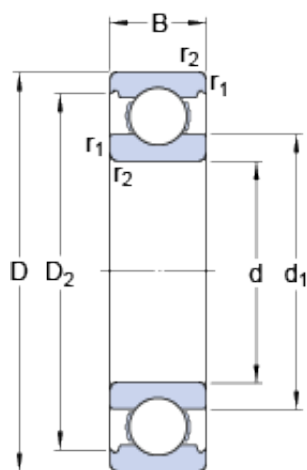




Bearing No. 6218/C3VL0241

D	160 mm
d	90 mm
B	30 mm
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	160x90x30
Snap Ring	No
Width (mm)	30
bore type:	Round
Weight / LBS	4.852
Mass bearing	2.4 kg
maximum rpm:	5300 RPM
closure type:	Open
D ₂	145 mm
d ₁	112.5 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
overall width:	30 mm
Keyword String	Ball
fillet radius:	2 mm
Other Features	Deep Groove VL0241 Aluminum Oxide Coated External Surfaces
bore diameter:	90 mm

Bearing number	6218/C3VL0241
Limiting speed	5300 r/min
finish/coating:	Aluminum Oxide
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	8500 r/min
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Outer Race Width	1.181 Inch 30 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	90MM Bore; 160MM Outside Diameter; 30MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Electrical Insulation on Outer Ring Internal Special Features; C3-Loose In
Weight / Kilogram	2.14
Manufacturer Name	SKF
outer ring width:	30 mm
precision rating:	Not Rated
outside diameter:	160 mm
D _a max.	149 mm
r _a max.	2 mm
Bore Diameter (mm)	160
Internal Clearance	C3-Loose
D _a min.	149 mm
d _a min.	101 mm
internal clearance:	C3
Outer Diameter (mm)	90

snap ring included:	Without Snap Ring
d_a - min.	101 mm
D_a - min.	149 mm
r_a - max.	2 mm
D_a - max.	149 mm
resistance features:	Current-Insulating Coating
$r_{1,2}$ min.	2 mm
Minimum Buy Quantity	N/A
static load capacity:	73.5 kN
d_1 ?	112.5 mm
D_2 ?	145 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	101 kN
Manufacturer Item Number	6218/C3VL0241
Internal Special Features	Electrical Insulation on Outer Ring
Basic dynamic load rating C	101 kN
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	15
Fatigue load limit - P_u	2.8 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	15
Basic static load rating C_0	73.5 kN
Basic static load rating - C_0	73.5 kN

