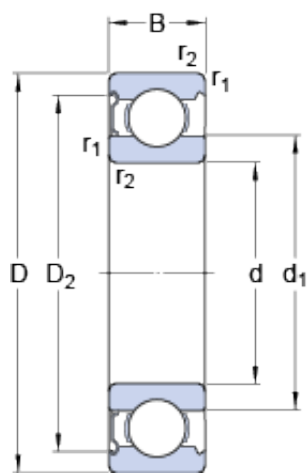




Bearing No. 6218-Z

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
Size (mm)	160x90x30
Snap Ring	No
Enclosure	1 Metal Shield
Inventory	0.0
Width (mm)	30
bore type:	Round
maximum rpm:	4300 RPM
Weight / LBS	4.9427
Mass bearing	2.25 kg
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Single Shield
D ₂	142.6 mm
d ₁	112.5 mm
bore diameter:	90 mm
Other Features	Deep Groove
Bearing number	6218-Z
overall width:	30 mm
cage material:	Steel
fillet radius:	2 mm

Limiting speed	5300 r/min
Keyword String	Ball
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Reference speed	8500 r/min
Rolling Element	Ball Bearing
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.181 Inch 30 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	6.299 Inch 160 Millimeter
Long Description	90MM Bore; 160MM Outside Diameter; 30MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
outer ring width:	30 mm
Manufacturer Name	SKF
Weight / Kilogram	2.262
outside diameter:	160 mm
precision rating:	ABEC 1 (ISO Class Normal)
r _a max.	2 mm
Internal Clearance	C0-Medium
D _a max.	149 mm
d _a max.	112 mm
d _a min.	101 mm
Bore Diameter (mm)	160
Outer Diameter (mm)	90
internal clearance:	C0

$r_{1,2}$ min.	2 mm
d_a - max.	112 mm
Minimum Buy Quantity	N/A
d_a - min.	101 mm
D_a - max.	149 mm
r_a - max.	2 mm
static load capacity:	73.5 kN
d_1 ?	112.5 mm
D_2 ?	142.6 mm
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	2 mm
dynamic load capacity:	101 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6218-Z
Internal Special Features	No
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 f_0	14.7
Calculation factor k_r	0.025
Calculation factor - k_r	0.025
Calculation factor - f_0	14.7
Fatigue load limit - P_u	2.8 kN
Basic static load rating C_0	73.5 kN
Basic static load rating - C_0	73.5 kN