



Bearing No. 6318-Z

D	190 mm
d	90 mm
B	43 mm
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Size (mm)	190x90x43
Snap Ring	No
Width (mm)	43
Mass bearing	5.01 kg
Weight / LBS	11.1816
Inch - Metric	Metric
Cage Material	Steel
D ₂	163.9 mm
d ₁	121.15 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6318-Z
Limiting speed	4800 r/min
Rolling Element	Ball Bearing
Reference speed	7500 r/min
Precision Class	ABEC 1 ISO P0
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	7.48 Inch 190 Millimeter

Manufacturer URL	http://www.skf.com
Long Description	90MM Bore; 190MM Outside Diameter; 43MM 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 Race Width	1.693 Inch 43 Millimeter
Weight / Kilogram	0
Manufacturer Name	SKF
D _a max.	176 mm
Bore Diameter (mm)	190
d _a max.	120.9 mm
Internal Clearance	C0-Medium
r _a max.	2.5 mm
d _a min.	104 mm
Outer Diameter (mm)	90
r _a - max.	2.5 mm
D _a - max.	176 mm
d _a - min.	104 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	3 mm
d _a - max.	120.9 mm
D ₂ ?	163.9 mm
d ₁ ?	121.15 mm
r _{1,2} - min.	3 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6318-Z
Internal Special Features	No

Basic dynamic load rating C	151 kN
Basic dynamic load rating - C	151 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.8 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.3
Calculation factor - k_r	0.03
Fatigue load limit - P_u	3.8 kN
Calculation factor - f_0	13
Basic static load rating C_0	108 kN
Basic static load rating - C_0	108 kN