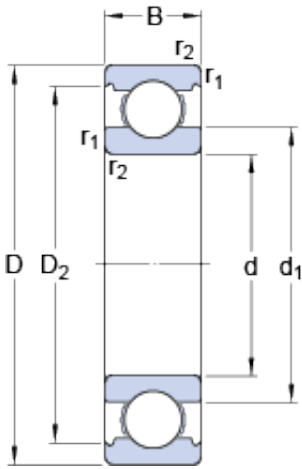




SNW Bearing Sdn Bhd



SKF 6318 C3VL0241 Insulated open ball bearing made in Austria 90X190X43MM

Bearing No. 6318

6318 Bearing 2D drawings and 3D CAD models

Size	190x90x43 mm
Bore Diameter	190 mm
Outer Diameter	90 mm
Width	43 mm
d	90 mm
D	190 mm
B	43 mm
d ₁	121.15 mm
D ₂	163.9 mm
r _{1,2} - min.	3 mm
d _a - min.	104 mm
D _a - max.	176 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	151 kN
Basic static load rating - C ₀	108 kN
Fatigue load limit - P _u	3.8 kN
Reference speed	7500 r/min
Limiting speed	4800 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



SNW Bearing Sdn Bhd

Weight / Kilogram	4.987
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	90MM Bore; 190MM Outside Diameter; 43MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6318
Weight / LBS	11
Outside Diameter	7.48 Inch 190 Millimeter
Bore	3.543 Inch 90 Millimeter
Outer Race Width	1.693 Inch 43 Millimeter
bore diameter:	90 mm
static load capacity:	108 kN
outside diameter:	190 mm
precision rating:	Not Rated



SNW Bearing Sdn Bhd

overall width:	43 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	43 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4800 RPM
internal clearance:	C0
series:	63
dynamic load capacity:	151 kN
d_1	121.15 mm
D_2	163.9 mm
$r_{1,2}$ min.	3 mm
d_a min.	104 mm
D_a max.	176 mm
r_a max.	2.5 mm
Basic dynamic load rating C	151 kN
Basic static load rating C_0	108 kN
Fatigue load limit P_u	3.8 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.3
Mass bearing	4.97 kg