



TIMKEN BEARINGS POLSKA Sp.Z O.o.



SKF Insocoat Bearings, Electrical Insulation Bearings 6318/C3vI0241 Insulated Bearing

Bearing No. 6318/C3vI0241

6318/C3vI0241 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	166 mm
r _{1,2} - min.	3 mm
d _a - min.	104 mm
D _a - min.	171 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
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	4.904
EAN	7316571664637
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	Electrical Insulation on Outer Ring
Cage Material	Steel
Internal Clearance	C3-Loose
Inch - Metric	Metric
Long Description	90MM Bore; 190MM Outside Diameter; 43MM 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
Other Features	Deep Groove VL0241 Aluminum Oxide Coated External Surfaces
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/C3VL0241
Weight / LBS	11.066
Outer Race Width	1.693 Inch 43 Millimeter



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Bore	3.543 Inch 90 Millimeter
Outside Diameter	7.48 Inch 190 Millimeter
Inner Race Width	0 Inch 0 Millimeter
bore diameter:	90 mm
static load capacity:	108 kN
outside diameter:	190 mm
precision rating:	Not Rated
overall width:	43 mm
finish/coating:	Aluminum Oxide
bore type:	Round
outer ring width:	43 mm
closure type:	Open
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4800 RPM
internal clearance:	C3
series:	63
dynamic load capacity:	151 kN
resistance features:	Current-Insulating Coating
d_1	121.15 mm
D_2	166 mm
$r_{1,2}$ min.	3 mm
d_a min.	104 mm
D_a min.	171 mm
D_a max.	176 mm
r_a max.	2.5 mm
Basic dynamic load rating C	143 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	4.9 kg



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