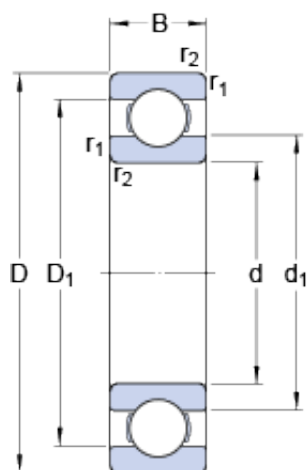




Bearing No. 6230/C3VL2071

D	270 mm
d	150 mm
B	45 mm
Bore	5.906 Inch 150 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	270x150x45
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	45
bore type:	Round
maximum rpm:	3200 RPM
Weight / LBS	9.8
Mass bearing	9.8 kg
D ₁	227.35 mm
Cage Material	Steel
closure type:	Open
d ₁	190.6 mm
Inch - Metric	Metric
Product Group	B00308
fillet radius:	2.5 mm
overall width:	45 mm
bore diameter:	150 mm
Keyword String	Ball
Other Features	Deep Groove VL2071 INSOCOAT Bearing with Coated Inner Ring

Bearing number	6230/C3VL2071
Limiting speed	3200 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Aluminum Oxide
Reference speed	5000 r/min
Outside Diameter	10.63 Inch 270 Millimeter
Long Description	150MM Bore; 270MM Outside Diameter; 45MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Electrical Insulation on Inner Ring Internal Special Features; C3-Loose I
Inner Race Width	0 Inch 0 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.772 Inch 45 Millimeter
outer ring width:	45 mm
Weight / Kilogram	10.14
precision rating:	Not Rated
outside diameter:	270 mm
Manufacturer Name	SKF
Bore Diameter (mm)	270
d _a min.	164 mm
d _a max.	185 mm
D _a max.	256 mm
Internal Clearance	C3-Loose
r _a max.	2.5 mm
internal clearance:	C3
snap ring included:	Without Snap Ring

Outer Diameter (mm)	150
d_a - min.	164 mm
$r_{1,2}$ min.	3 mm
d_a - max.	185 mm
Minimum Buy Quantity	N/A
resistance features:	Current-Insulating Coating
r_a - max.	2.5 mm
D_a - max.	256 mm
D_1 ?	227.35 mm
d_1 ?	190.6 mm
static load capacity:	166 kN
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	174 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6230/C3VL2071
Internal Special Features	Electrical Insulation on Inner Ring
Basic dynamic load rating C	174 kN
Basic dynamic load rating - C	174 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.025
Calculation factor f_0	15
Fatigue load limit P_u	4.9 kN
Fatigue load limit - P_u	4.9 kN
Calculation factor - f_0	15
Calculation factor - k_r	0.025
Basic static load rating C_0	166 kN
Basic static load rating -	166 kN

C ₀	
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