



BROWNING BEARING COMPANY



100 mm x 150 mm x 70 mm skf ge 100 es bearing

Bearing No. ge 100 es

ge 100 es Bearing 2D drawings and 3D CAD models

Category	Spherical Plain Bearings - Radial
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	4.4
EAN	7316576609503
Product Group	B04264
Self Aligning	Yes
Rolling Element	Spherical Plain
Material - Outer Member	Steel
Material - Ball	Steel
Material - Liner	Not Applicable
Relubricatable	Yes
Enclosure	Open
Other Features	2 Piece Lubrication Hole and an Annular Groove in Both Rings
Long Description	100MM Bore; 55MM Housing Width; 150MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 70MM Overall Width; Relubricatable
Inch - Metric	Metric
Category	Plain Bearings Spherical Radial



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UNSPSC	31171515
Harmonized Tariff Code	8483.30.80.70
Noun	Bearing
Keyword 3	Spherical
Keyword String	Plain Spherical Radial
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	GE 100 ES
Weight / LBS	9.7
B	2.756 Inch 70 Millimeter
D	5.906 Inch 150 Millimeter
d	3.937 Inch 100 Millimeter
Housing Width	2.165 Inch 55 Millimeter
bore diameter:	100 mm
inner ring material:	Chrome Steel
outside diameter:	150 mm
outer ring width:	55 mm
misalignment angle:	7 °
grade:	Commercial/Industrial
inner ring width:	70 mm
radial static load capacity:	3050 kN
bearing type:	Radial
radial dynamic load capacity:	610 kN
lubrication type:	Requires Lubrication
operating temperature range:	-50 to +200 ° C ° F
closure type:	Open
overall width:	70 mm
outer ring material:	Chrome Steel
manufacturer upc number:	7316576609503
Lubricant	Regular relubrication – grease
Design (sliding contact	Steel/steel



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surface combination)	
Sealing solution	-
d	100 mm
D	150 mm
B	70 mm
C	55 mm
	7 °
d _k	130 mm
b	11.3 mm
b ₁	11.3 mm
M	5 mm
r ₁ min.	1 mm
r ₂ min.	1 mm
d _a min.	107.8 mm
d _a max.	109.5 mm
D _a min.	123.5 mm
D _a max.	143.2 mm
r _a max.	1 mm
r _b max.	1 mm
Basic dynamic load rating C	610 kN
Basic static load rating C ₀	3050 kN
Specific dynamic load factor K	100 N/mm ²
Specific static load factor K ₀	500 N/mm ²
Material constant K _M	330
Mass plain bearing	4.4 kg