



PRD BEARINGS LLC



50 mm x 75 mm x 35 mm SKF GE 50 ES
Spherical Plain Bearings - Radial

Bearing No. GE 50 ES

GE 50 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	0.56
EAN	7316576609404
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	50MM Bore; 28MM Housing Width; 75MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 35MM 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 50 ES
Weight / LBS	1.235
d	1.969 Inch 50 Millimeter
Housing Width	1.102 Inch 28 Millimeter
D	2.953 Inch 75 Millimeter
B	1.378 Inch 35 Millimeter
bore diameter:	50 mm
inner ring material:	Chrome Steel
outside diameter:	75 mm
outer ring width:	28 mm
misalignment angle:	6 °
grade:	Commercial/Industrial
inner ring width:	35 mm
overall width:	35 mm
bearing type:	Radial
radial static load capacity:	780 kN
lubrication type:	Requires Lubrication
radial dynamic load capacity:	156 kN
closure type:	Open
operating temperature range:	-50 to +200 ° C ° F
outer ring material:	Chrome Steel
manufacturer upc number:	7316576609404
Lubricant	Regular relubrication – grease
Design (sliding contact	Steel/steel



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surface combination)	
Sealing solution	-
d	50 mm
D	75 mm
B	35 mm
C	28 mm
	6 °
d _k	66 mm
b	4.6 mm
b ₁	4.6 mm
M	3 mm
r ₁ min.	0.6 mm
r ₂ min.	1 mm
d _a min.	54.6 mm
d _a max.	56 mm
D _a min.	62.7 mm
D _a max.	70.5 mm
r _a max.	0.6 mm
r _b max.	1 mm
Basic dynamic load rating C	156 kN
Basic static load rating C ₀	780 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	0.56 kg