



# PRD BEARINGS LLC



25 mm x 42 mm x 20 mm SKF GE 25 ES  
Spherical Plain Bearings - Radial

Bearing No. GE 25 ES

GE 25 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	0.121
EAN	7316576609299
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	25MM Bore; 16MM Housing Width; 42MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 20MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	GE 25 ES
Weight / LBS	0.265
D	1.654 Inch   42 Millimeter
d	0.984 Inch   25 Millimeter
Housing Width	0.63 Inch   16 Millimeter
B	0.787 Inch   20 Millimeter
bore diameter:	25 mm
inner ring material:	Chrome Steel
outside diameter:	42 mm
outer ring width:	16 mm
misalignment angle:	7 °
grade:	Commercial/Industrial
inner ring width:	20 mm
overall width:	20 mm
bearing type:	Radial
radial static load capacity:	240 kN
lubrication type:	Requires Lubrication
radial dynamic load capacity:	48 kN
closure type:	Open
operating temperature range:	-50 to +200 ° C ° F
outer ring material:	Chrome Steel
manufacturer upc number:	7316576609299
Lubricant	Regular relubrication – grease
Design (sliding contact	Steel/steel



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surface combination)	
Sealing solution	-
d	25 mm
D	42 mm
B	20 mm
C	16 mm
	7 °
d <sub>k</sub>	35.5 mm
b	3.1 mm
b <sub>1</sub>	3.1 mm
M	2 mm
r <sub>1</sub> min.	0.6 mm
r <sub>2</sub> min.	0.6 mm
d <sub>a</sub> min.	28.2 mm
d <sub>a</sub> max.	29.3 mm
D <sub>a</sub> min.	33.7 mm
D <sub>a</sub> max.	39.2 mm
r <sub>a</sub> max.	0.6 mm
r <sub>b</sub> max.	0.6 mm
Basic dynamic load rating C	48 kN
Basic static load rating C <sub>0</sub>	240 kN
Specific dynamic load factor K	100 N/mm <sup>2</sup>
Specific static load factor K <sub>0</sub>	500 N/mm <sup>2</sup>
Material constant K <sub>M</sub>	330
Mass plain bearing	0.11 kg