



Xiangtan Huaxing Material Co., Ltd.



120 mm x 180 mm x 85 mm SKF GE 120 ES
Spherical Plain Bearings - Radial

Bearing No. GE 120 ES

GE 120 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	7.823
EAN	7316576609541
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	120MM Bore; 70MM Housing Width; 180MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 85MM 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 120 ES
Weight / LBS	18.188
Housing Width	2.756 Inch 70 Millimeter
D	7.087 Inch 180 Millimeter
d	4.724 Inch 120 Millimeter
B	3.346 Inch 85 Millimeter
bore diameter:	120 mm
inner ring material:	Steel
outside diameter:	180 mm
outer ring width:	70 mm
misalignment angle:	6 °
overall width:	85 mm
inner ring width:	85 mm
radial static load capacity:	4750 kN
bearing type:	Radial
radial dynamic load capacity:	950 kN
lubrication type:	Requires Lubrication
operating temperature range:	-50 to +200 ° C ° F
closure type:	Open
manufacturer upc number:	7316576609541
outer ring material:	Steel
Lubricant	Regular relubrication – grease
Design (sliding contact surface combination)	Steel/steel



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Sealing solution	-
d	120 mm
D	180 mm
B	85 mm
C	70 mm
	6 °
d _k	160 mm
b	13.5 mm
b ₁	13.5 mm
M	6 mm
r ₁ min.	1 mm
r ₂ min.	1 mm
d _a min.	129.5 mm
d _a max.	135.5 mm
D _a min.	152 mm
D _a max.	172 mm
r _a max.	1 mm
r _b max.	1 mm
Basic dynamic load rating C	950 kN
Basic static load rating C ₀	4750 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	8.25 kg