



Bearing No. GEH 120 ES-2RS

D	210 mm
d	180 mm
B	115 mm
C	70 mm
b	13.5 mm
M	6 mm
?	16 °
Noun	Bearing
Bore	4.724 Inch   120 Millimeter
UNSPSC	31171515
?	16 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	210x180x115
Keyword 3	Spherical
Enclosure	2 Seals
Lubricant	Regular relubrication – grease
Width (mm)	115
Weight / LBS	33.069
bearing type:	Radial
Self Aligning	Yes
Product Group	B04264
Inch - Metric	Metric
b <sub>1</sub>	13.5 mm
d <sub>k</sub>	180 mm
d <sub>k</sub>	250 mm
Overall Width	4.528 Inch   115 Millimeter

closure type:	Sealed
Housing Width	2.756 Inch   70 Millimeter
Relubricatable	Yes
Keyword String	Plain Spherical Radial
Other Features	2 Piece   Larger Tilt Angle   Double Lip Seals   Lubrication Hole and an Annular Groove in Both Rings
bore diameter:	120 mm
overall width:	115 mm
Bearing number	GEH 120 ES-2RS
Material - Ball	Steel
Rolling Element	Spherical Plain
Material - Liner	Not Applicable
Long Description	120MM Bore; 70MM Housing Width; 210MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 115MM Overall Width; Relubricatable
Outside Diameter	8.268 Inch   210 Millimeter
Sealing solution	Double-lip seals
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
outer ring width:	70 mm
inner ring width:	115 mm
lubrication type:	Requires Lubrication
outside diameter:	210 mm
Weight / Kilogram	15.01
Manufacturer Name	SKF
d <sub>a</sub> max.	138.5 mm
D <sub>a</sub> min.	180 mm

r <sub>2</sub> min.	1 mm
r <sub>1</sub> min.	1 mm
Bore Diameter (mm)	210
D <sub>a</sub> max.	202.5 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	1 mm
d <sub>a</sub> min.	130 mm
Mass plain bearing	15 kg
misalignment angle:	16 °
Outer Diameter (mm)	180
inner ring material:	Steel
outer ring material:	Steel
Minimum Buy Quantity	N/A
D <sub>a</sub> - min.	180 mm
r <sub>1</sub> - min.	1.1 mm
r <sub>b</sub> - max.	1 mm
r <sub>2</sub> - min.	1 mm
d <sub>a</sub> - max.	138.5 mm
r <sub>a</sub> - max.	1 mm
D <sub>a</sub> - max.	202.5 mm
d <sub>a</sub> - min.	130 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
manufacturer upc number:	7316570856361
Constant - K <sub>M</sub>	330
Manufacturer Item Number	GEH 120 ES-2RS
Basic dynamic load rating C	1080 kN
operating temperature range:	-30 to +130 °C °F
radial static load capacity:	5400 kN

Basic dynamic load rating - C	1080 kN
radial dynamic load capacity:	1080 kN
Specific dynamic load factor K	100 N/mm <sup>2</sup>
Material constant $K_M$	330
Specific factor dynamic load - K	100 N/mm <sup>2</sup>
Basic static load rating $C_0$	5400 kN
Basic static load rating - $C_0$	5400 kN
Specific static load factor $K_0$	500 N/mm <sup>2</sup>
Specific factor static load - $K_0$	500 N/mm <sup>2</sup>
Design (sliding contact surface combination)	Steel/steel