



PRD BEARINGS LLC



110 mm x 180 mm x 100 mm SKF GEH 110 ES-2RS Spherical Plain Bearings - Radial

Bearing No. GEH 110 ES-2RS

GEH 110 ES-2RS Bearing 2D drawings and 3D CAD models

Category	Spherical Plain Bearings - Radial
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	9.632
EAN	7316577003317
Product Group	B04286
Self Aligning	Yes
Rolling Element	Spherical Plain
Material - Outer Member	Steel
Material - Ball	Steel
Material - Liner	Not Applicable
Relubricatable	Yes
Enclosure	2 Seals
Other Features	2 Piece Larger Tilt Angle Double Lip Seals Lubrication Hole and an Annular Groove in Both Rings
Long Description	110MM Bore; 70MM Housing Width; 180MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 100MM Overall Width; Relubricatable
Inch - Metric	Metric
Category	Plain Bearings Spherical



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	Radial
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	GEH 110 ES-2RS
Weight / LBS	24.251
d	4.331 Inch 110 Millimeter
B	3.937 Inch 100 Millimeter
D	7.087 Inch 180 Millimeter
Housing Width	2.756 Inch 70 Millimeter
bore diameter:	110 mm
inner ring material:	Steel
outside diameter:	180 mm
outer ring width:	70 mm
misalignment angle:	12 °
radial static load capacity:	4750 kN
inner ring width:	100 mm
radial dynamic load capacity:	950 kN
bearing type:	Radial
operating temperature range:	-30 to +130 ° C ° F
lubrication type:	Requires Lubrication
overall width:	100 mm
closure type:	Sealed
manufacturer upc number:	7316577003317
outer ring material:	Steel
Lubricant	Regular relubrication – grease
Design (sliding contact	Steel/steel



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surface combination)	
Sealing solution	Double-lip seals
d	110 mm
D	180 mm
B	100 mm
C	70 mm
	12 °
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.	119.5 mm
d _a max.	124.5 mm
D _a min.	157.5 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	11 kg