



NTN-SNR BEARING RULMENTI S.R.L.



50 mm x 90 mm x 56 mm skf GEH 50 ES-2RS
Radial spherical plain bearings

Bearing No. GEH 50 ES-2RS

GEH 50 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	1.418
EAN	7316577003256
Product Group	B04264
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	50MM Bore; 36MM Housing Width; 90MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 56MM 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 50 ES-2RS
Weight / LBS	3.527
Housing Width	1.417 Inch 36 Millimeter
d	1.969 Inch 50 Millimeter
B	2.205 Inch 56 Millimeter
D	3.543 Inch 90 Millimeter
bore diameter:	50 mm
inner ring material:	Chrome Steel
outside diameter:	90 mm
outer ring width:	36 mm
misalignment angle:	17 °
grade:	Commercial/Industrial
inner ring width:	56 mm
overall width:	56 mm
bearing type:	Radial
radial static load capacity:	1220 kN
lubrication type:	Requires Lubrication
radial dynamic load capacity:	245 kN
closure type:	Sealed
operating temperature range:	-30 to +130 ° C ° F
outer ring material:	Chrome Steel
manufacturer upc number:	7316577003256
Lubricant	Regular relubrication – grease



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Design (sliding contact surface combination)	Steel/steel
Sealing solution	Double-lip seals
d	50 mm
D	90 mm
B	56 mm
C	36 mm
	17 °
d _k	80 mm
b	6.2 mm
b ₁	6.2 mm
M	4 mm
r ₁ min.	0.6 mm
r ₂ min.	1 mm
d _a min.	55.8 mm
d _a max.	57.1 mm
D _a min.	79.7 mm
D _a max.	84.2 mm
r _a max.	0.6 mm
r _b max.	1 mm
Basic dynamic load rating C	245 kN
Basic static load rating C ₀	1220 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	1.6 kg