



Bearing No. GEH 50 ES-2LS

D	90 mm
d	50 mm
B	56 mm
C	36 mm
b	6.2 mm
M	4 mm
?	17 °
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
UNSPSC	31171515
?	17 °
Category	Plain Bearings Spherical Radial
Keyword 3	Spherical
Enclosure	2 Seals
Inventory	0.0
Size (mm)	90x50x56
Lubricant	Regular relubrication – grease
Width (mm)	56
Weight / LBS	3.527
Overall Width	2.205 Inch 56 Millimeter
Housing Width	1.417 Inch 36 Millimeter
b ₁	6.2 mm
Self Aligning	Yes
Product Group	B04264
Inch - Metric	Metric
d _k	80 mm
d _k	80 mm

b ₁	6.2 mm
Relubricatable	Yes
Other Features	2 Piece Larger Tilt Angle Triple Lip Heavy Duty Seals Lubrication Hole and an Annular Groove in Both Rings
Keyword String	Plain Spherical Radial
Bearing number	GEH 50 ES-2LS
Rolling Element	Spherical Plain
Material - Ball	Steel
Sealing solution	Triple-lip seals
Long Description	50MM Bore; 36MM Housing Width; 90MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 56MM Overall Width; Relubricatable
Manufacturer URL	http://www.skf.com
Outside Diameter	3.543 Inch 90 Millimeter
Material - Liner	Not Applicable
Weight / Kilogram	1.417
Manufacturer Name	SKF
Mass plain bearing	1.6 kg
r _b max.	1 mm
r _a max.	0.6 mm
D _a max.	84.2 mm
D _a min.	79.7 mm
d _a max.	57.1 mm
d _a min.	55.8 mm
r ₂ min.	1 mm
r ₁ min.	0.6 mm
Bore Diameter (mm)	90

Outer Diameter (mm)	50
d_a - min.	55.8 mm
r_1 - min.	0.6 mm
r_2 - min.	1 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
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Constant - K_M	330
Manufacturer Item Number	GEH 50 ES-2LS
Basic dynamic load rating C	245 kN
Basic dynamic load rating - C	245 kN
Specific dynamic load factor K	100 N/mm ²
Material constant K_M	330
Specific factor dynamic load - K	100 N/mm ²
Basic static load rating C_0	1220 kN
Basic static load rating - C_0	1220 kN
Specific static load factor K_0	500 N/mm ²
Specific factor static load - K_0	500 N/mm ²
Design (sliding contact surface combination)	Steel/steel