



Bearing No. GEM 60 ES-2RS

D	90 mm
d	60 mm
B	54 mm
C	36 mm
b	6.2 mm
M	4 mm
?	3 °
Noun	Bearing
Bore	2.362 Inch 60 Millimeter
UNSPSC	31171515
?	3 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	90x60x54
Keyword 3	Spherical
Enclosure	2 Seals
Lubricant	Regular relubrication – grease
Width (mm)	54
Weight / LBS	2.535
dk	80 mm
Self Aligning	Yes
Product Group	B04264
Inch - Metric	Metric
b ₁	6.2 mm
dk	80 mm
d ₁	68 mm
closure type:	Sealed
Overall Width	2.126 Inch 54

	Millimeter
Housing Width	1.417 Inch 36 Millimeter
b ₁	6.2 mm
bearing type:	Radial
Keyword String	Plain Spherical Radial
bore diameter:	60 mm
Other Features	2 Piece Extended Inner Ring on Both Sides Double Lip Seals Lubrication Hole and an Annular Groove in Both Rings
overall width:	54 mm
Relubricatable	Yes
Bearing number	GEM 60 ES-2RS
Material - Ball	Steel
Rolling Element	Spherical Plain
Material - Liner	Not Applicable
Long Description	60MM Bore; 36MM Housing Width; 90MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 54MM Overall Width; Relubricatable
Outside Diameter	3.543 Inch 90 Millimeter
Sealing solution	Double-lip seals
Manufacturer URL	http://www.skf.com
outer ring width:	36 mm
inner ring width:	54 mm
lubrication type:	Requires Lubrication
outside diameter:	90 mm
Weight / Kilogram	1.15

Manufacturer Name	SKF
d _a max.	68 mm
D _a min.	79.7 mm
r ₂ min.	1 mm
r ₁ min.	0.6 mm
Bore Diameter (mm)	90
D _a max.	84.2 mm
r _a max.	0.6 mm
r _b max.	1 mm
d _a min.	65.4 mm
Mass plain bearing	1.15 kg
misalignment angle:	3 °
Outer Diameter (mm)	60
outer ring material:	Steel
Minimum Buy Quantity	N/A
D _a - min.	79.7 mm
r ₁ - min.	0.6 mm
r _b - max.	1 mm
r ₂ - min.	1 mm
d _a - max.	68 mm
inner ring material:	Steel
r _a - max.	0.6 mm
D _a - max.	84.2 mm
d _a - min.	65.4 mm
d ₁ ?	68 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEM 60 ES-2RS
Constant - K _M	330
manufacturer upc number:	7316577106520
Basic dynamic load	245 kN

rating C	
operating temperature range:	-30 to +130 °C °F
radial static load capacity:	1220 kN
Basic dynamic load rating - C	245 kN
radial dynamic load capacity:	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