



Bearing No. GEM 40 ES-2RS

D	62 mm
d	40 mm
B	38 mm
C	22 mm
b	3.9 mm
M	2.5 mm
?	4 °
Noun	Bearing
Bore	1.575 Inch 40 Millimeter
UNSPSC	31171515
?	4 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	62x40x38
Keyword 3	Spherical
Enclosure	2 Seals
Lubricant	Regular relubrication – grease
Width (mm)	38
Weight / LBS	0.772
dk	53 mm
Self Aligning	Yes
Product Group	B04264
Inch - Metric	Metric
b ₁	3.9 mm
dk	53 mm
d ₁	45 mm
closure type:	Sealed
b ₁	3.9 mm

Housing Width	0.866 Inch 22 Millimeter
Overall Width	1.496 Inch 38 Millimeter
bearing type:	Radial
Keyword String	Plain Spherical Radial
bore diameter:	40 mm
Other Features	2 Piece Extended Inner Ring on Both Sides Double Lip Seals Lubrication Hole and an Annular Groove in Both Rings
Relubricatable	Yes
overall width:	38 mm
Bearing number	GEM 40 ES-2RS
Material - Ball	Steel
Rolling Element	Spherical Plain
Material - Liner	Not Applicable
Long Description	40MM Bore; 22MM Housing Width; 62MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 38MM Overall Width; Relubricatable
Sealing solution	Double-lip seals
Outside Diameter	2.441 Inch 62 Millimeter
Manufacturer URL	http://www.skf.com
outer ring width:	22 mm
inner ring width:	38 mm
lubrication type:	Requires Lubrication
outside diameter:	62 mm
Weight / Kilogram	0.35
Manufacturer Name	SKF

d _a max.	45 mm
D _a min.	54.5 mm
r ₂ min.	1 mm
r ₁ min.	0.6 mm
Bore Diameter (mm)	62
D _a max.	57.8 mm
r _a max.	0.6 mm
r _b max.	1 mm
d _a min.	44 mm
Mass plain bearing	0.35 kg
misalignment angle:	4 °
Outer Diameter (mm)	40
outer ring material:	Steel
Minimum Buy Quantity	N/A
r ₁ - min.	0.6 mm
r _b - max.	1 mm
r ₂ - min.	1 mm
D _a - min.	54.5 mm
d _a - min.	44 mm
D _a - max.	57.8 mm
d _a - max.	45 mm
r _a - max.	0.6 mm
inner ring material:	Steel
d ₁ ?	45 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
manufacturer upc number:	7316577003355
Constant - K _M	330
Manufacturer Item Number	GEM 40 ES-2RS
Basic dynamic load rating C	100 kN

operating temperature range:	-30 to +130 °C °F
radial static load capacity:	500 kN
radial dynamic load capacity:	100 kN
Basic dynamic load rating - C	100 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	500 kN
Basic static load rating - C_0	500 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