



Bearing No. GEM 50 ES-2RS

D	75 mm
d	50 mm
B	43 mm
C	28 mm
b	4.6 mm
M	3 mm
?	4 °
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
UNSPSC	31171515
?	4 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	75x50x43
Keyword 3	Spherical
Enclosure	2 Seals
Lubricant	Regular relubrication – grease
Width (mm)	43
Weight / LBS	1.323
dk	66 mm
Self Aligning	Yes
Product Group	B04264
Inch - Metric	Metric
b ₁	4.6 mm
dk	66 mm
d ₁	57 mm
closure type:	Sealed
Housing Width	1.102 Inch 28

	Millimeter
b ₁	4.6 mm
Overall Width	1.693 Inch 43 Millimeter
bearing type:	Radial
Keyword String	Plain Spherical Radial
bore diameter:	50 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:	43 mm
Relubricatable	Yes
Bearing number	GEM 50 ES-2RS
Material - Ball	Steel
Rolling Element	Spherical Plain
Material - Liner	Not Applicable
Long Description	50MM Bore; 28MM Housing Width; 75MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 43MM Overall Width; Relubricatable
Sealing solution	Double-lip seals
Outside Diameter	2.953 Inch 75 Millimeter
Manufacturer URL	http://www.skf.com
outer ring width:	28 mm
inner ring width:	43 mm
lubrication type:	Requires Lubrication
outside diameter:	75 mm
Weight / Kilogram	0.6

Manufacturer Name	SKF
d _a max.	57 mm
D _a min.	66.2 mm
r ₂ min.	1 mm
r ₁ min.	0.6 mm
Bore Diameter (mm)	75
D _a max.	70.5 mm
r _a max.	0.6 mm
r _b max.	1 mm
d _a min.	54.8 mm
Mass plain bearing	0.6 kg
misalignment angle:	4 °
Outer Diameter (mm)	50
outer ring material:	Steel
Minimum Buy Quantity	N/A
D _a - min.	66.2 mm
r ₁ - min.	0.6 mm
r _b - max.	1 mm
r ₂ - min.	1 mm
d _a - max.	57 mm
inner ring material:	Steel
r _a - max.	0.6 mm
D _a - max.	70.5 mm
d _a - min.	54.8 mm
d ₁ ?	57 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEM 50 ES-2RS
Constant - K _M	330
manufacturer upc number:	7316577003362
Basic dynamic load	156 kN

rating C	
operating temperature range:	-30 to +130 °C °F
radial static load capacity:	780 kN
Basic dynamic load rating - C	156 kN
radial dynamic load capacity:	156 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	780 kN
Basic static load rating - C_0	780 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