



NTN-SNR BEARING RULMENTI S.R.L.



300 mm x 430 mm x 165 mm skf GE 300
ES-2RS Radial spherical plain bearings

Bearing No. GE 300 ES-2RS

GE 300 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	83.075
EAN	7316577108951
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 Double Lip Seals Lubrication Hole and an Annular Groove in Both Rings
Long Description	300MM Bore; 120MM Housing Width; 430MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 165MM Overall Width; Relubricatable
Inch - Metric	Metric
Category	Plain Bearings Spherical Radial



NTN-SNR BEARING RULMENTI S.R.L.

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	GE 300 ES-2RS
Weight / LBS	173.063
d	11.811 Inch 300 Millimeter
B	6.496 Inch 165 Millimeter
Housing Width	4.724 Inch 120 Millimeter
D	16.929 Inch 430 Millimeter
bore diameter:	300 mm
inner ring material:	Steel
outside diameter:	430 mm
outer ring width:	120 mm
misalignment angle:	7 °
grade:	Commercial/Industrial
inner ring width:	165 mm
radial static load capacity:	19000 kN
bearing type:	Radial
radial dynamic load capacity:	3800 kN
lubrication type:	Requires Lubrication
operating temperature range:	-30 to +130 ° C ° F
closure type:	Sealed
overall width:	165 mm
outer ring material:	Steel
manufacturer upc number:	7316577108951
Lubricant	Regular relubrication – grease
Design (sliding contact	Steel/steel



NTN-SNR BEARING RULMENTI S.R.L.

surface combination)	
Sealing solution	Double-lip seals
d	300 mm
D	430 mm
B	165 mm
C	120 mm
	7 °
d _k	375 mm
b	15.5 mm
b ₁	15.5 mm
M	7 mm
r ₁ min.	1.1 mm
r ₂ min.	1.1 mm
d _a min.	314 mm
d _a max.	336.5 mm
D _a min.	371 mm
D _a max.	418.5 mm
r _a max.	1 mm
r _b max.	1 mm
Basic dynamic load rating C	3800 kN
Basic static load rating C ₀	19000 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	78.5 kg