

INA 89320-M thrust roller bearings

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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	850.76
EAN	7316572124345
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Bronze
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch – Metric	Metric
Long Description	530MM Straight Bore; 870MM Outside Diameter; 335MM Width; C0-Medium Clearance; Shaft Mount; Double R
UNSPSC	31171510
Harmonized Tariff Code	84823080

Noun	Bearing
Keyword String	Spherical
Weight / LBS	1,873.927
D	870 mm
B	335 mm
d	530 mm
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
bore diameter:	530 mm
maximum rpm:	360 RPM
outside diameter:	870 mm
operating temperature range:	Maximum of +390 °F
overall width:	335 mm
cage material:	Brass
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	335 mm
dynamic load capacity:	10600 kN
fillet radius:	6 mm
static load capacity:	19000 kN
series:	241
d2 ≈	623 mm

D1 ≈	748 mm
b	22.3 mm
K	12 mm
r _{1,2} min.	7.5 mm
d _a min.	562 mm
D _a max.	838 mm
r _a max.	6 mm
Basic dynamic load rating C	10909 kN
Basic static load rating C ₀	19000 kN
Fatigue load limit P _u	1220 kN
Reference speed	240 r/min
Limiting speed	360 r/min
Calculation factor e	0.37
Calculation factor Y ₁	1.8
Calculation factor Y ₂	2.7
Calculation factor Y ₀	1.8
Mass bearing	830 kg