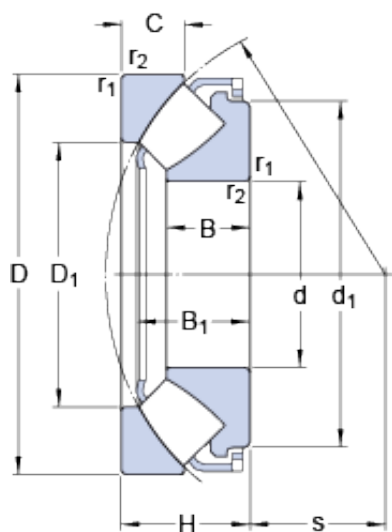




Bearing No. 29424 E

B	50.5 mm
C	36.5 mm
d	120 mm
D	250 mm
H	78 mm
s	74 mm
Noun	Bearing
Bore 1	4.724 Inch 120 Millimeter
Banded	No
Bore 2	6.732 Inch 171 Millimeter
Height	3.071 Inch 78 Millimeter
UNSPSC	31171507
series:	294
Category	Thrust Roller Bearings
Inventory	0.0
Keyword 3	Spherical
Size (mm)	250x120x78
Width (mm)	78
Weight / LBS	38.581
Mass bearing	17.5 kg
maximum rpm:	2600 RPM
D ₁	171 mm
B ₁	70.3 mm
d ₁	216 mm
Inch - Metric	Metric
B ₁	70.3 mm
Product Group	B04311

Cage Material	Steel
Self Aligning	Yes
bore diameter:	120 mm
overall width:	78 mm
Keyword String	Thrust Roller Spherical
cage material:	Steel
fillet radius:	3 mm
Bearing number	29424 E
Thrust Bearing	Yes
Limiting speed	2600 r/min
Other Features	Single Row Window Type Cage
Rolling Element	Spherical Roller Bearing
Reference speed	1500 r/min
separable type:	Non-Separable
Precision Class	ABEC 1 ISO P0
Long Description	120MM Bore 1; 171MM Bore 2; 250MM Outside Diameter; 78MM Height; Spherical Roller Bearing; Single Direction; Self Aligning; Not Banded; Steel Cage; ABEC 1 ISO P0; Roller Assembly plus Raceways
Outside Diameter	9.843 Inch 250 Millimeter
Manufacturer URL	http://www.skf.com
outside diameter:	250 mm
Manufacturer Name	SKF
Weight / Kilogram	17.52
Bore Diameter (mm)	250
r _a max.	3 mm
D _a max.	209 mm
	180 mm

da min.	
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d_{b2} max.	142 mm
d_{b1} max.	132 mm
Outer Diameter (mm)	120
Minimum Buy Quantity	N/A
d_a - min.	180 mm
D_a - max.	209 mm
r_a - max.	3 mm
$r_{1,2}$ min.	4 mm
D_1 ?	171 mm
d_1 ?	216 mm
Component Description	Roller Assembly plus Raceways
d_{b2} - max.	142 mm
static load capacity:	3450 kN
d_{b1} - max.	132 mm
Harmonized Tariff Code	8482.30.00.40
$r_{1,2}$ - min.	4 mm
dynamic load capacity:	1370 kN
Manufacturer Item Number	29424 E
Single or Double Direction	Single Direction
Factor min. axial load - A	1.1
Basic dynamic load rating C	1370 kN
Minimum axial load factor A	1.1
operating temperature range:	Maximum of +392 °F
Basic dynamic load rating - C	1370 kN
Fatigue load limit P_u	375 kN
Fatigue load limit - P_u	375 kN

Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C_0	3450 kN
Basic static load rating - C_0	3450 kN