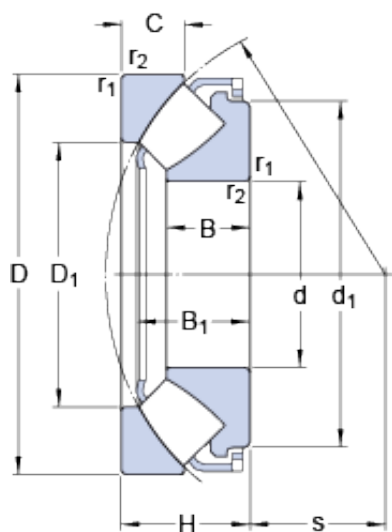




Bearing No. 29416 E

B	35 mm
s	50 mm
d	80 mm
D	170 mm
H	54 mm
C	26.5 mm
Noun	Bearing
Height	2.126 Inch 54 Millimeter
Banded	No
Bore 1	3.15 Inch 80 Millimeter
Bore 2	4.429 Inch 112.5 Millimeter
UNSPSC	31171507
series:	294
Category	Thrust Roller Bearings
Inventory	0.0
Keyword 3	Spherical
Size (mm)	170x80x54
Width (mm)	54
Weight / LBS	12.346
Mass bearing	5.6 kg
maximum rpm:	3800 RPM
B ₁	48.1 mm
D ₁	113 mm
d ₁	147 mm
Inch - Metric	Metric
B ₁	48.1 mm
Product Group	B04311
Cage Material	Steel

Self Aligning	Yes
bore diameter:	80 mm
overall width:	54 mm
Keyword String	Thrust Roller Spherical
fillet radius:	2 mm
cage material:	Steel
Bearing number	29416 E
Thrust Bearing	Yes
Limiting speed	3800 r/min
Other Features	Single Row Window Type Cage
Rolling Element	Spherical Roller Bearing
Reference speed	2200 r/min
separable type:	Non-Separable
Precision Class	ABEC 1 ISO P0
Long Description	80MM Bore 1; 112.5MM Bore 2; 170MM Outside Diameter; 54MM Height; Spherical Roller Bearing; Single Direction; Self Aligning; Not Banded; Steel Cage; ABEC 1 ISO P0; Roller Assembly plus Raceways
Outside Diameter	6.693 Inch 170 Millimeter
Manufacturer URL	http://www.skf.com
outside diameter:	170 mm
Manufacturer Name	SKF
Weight / Kilogram	5.61
d _a min.	120 mm
r _a max.	2 mm
D _a max.	141 mm
Bore Diameter (mm)	170
Outer Diameter (mm)	80

d_{b2} max.	88 mm
d_{b1} max.	88 mm
$r_{1,2}$ min.	2.1 mm
r_a - max.	2 mm
D_a - max.	141 mm
Minimum Buy Quantity	N/A
d_a - min.	120 mm
static load capacity:	1630 kN
D_1 ?	113 mm
d_1 ?	147 mm
Component Description	Roller Assembly plus Raceways
d_{b2} - max.	88 mm
d_{b1} - max.	88 mm
$r_{1,2}$ - min.	2.1 mm
Harmonized Tariff Code	8482.30.00.40
dynamic load capacity:	670 kN
Manufacturer Item Number	29416 E
Factor min. axial load - A	0.25
Single or Double Direction	Single Direction
Basic dynamic load rating C	670 kN
Minimum axial load factor A	0.25
operating temperature range:	Maximum of +392 °F
Basic dynamic load rating - C	670 kN
Fatigue load limit P_u	193 kN
Fatigue load limit - P_u	193 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter

Basic static load rating C_0	1630 kN
Basic static load rating - C_0	1630 kN