



Bearing No. 29412 E

B	27 mm
C	21 mm
d	60 mm
D	130 mm
H	42 mm
s	38 mm
Noun	Bearing
Height	1.654 Inch 42 Millimeter
Banded	No
Bore 2	3.366 Inch 85.5 Millimeter
Bore 1	2.362 Inch 60 Millimeter
UNSPSC	31171507
series:	294
Category	Thrust Roller Bearings
Inventory	0.0
Keyword 3	Spherical
Size (mm)	130x60x42
Width (mm)	42
Weight / LBS	5.732
Mass bearing	2.6 kg
maximum rpm:	5000 RPM
D ₁	85.5 mm
B ₁	36.7 mm
d ₁	112 mm
Inch - Metric	Metric
B ₁	36.7 mm
Product Group	B04311

Cage Material	Steel
Self Aligning	Yes
bore diameter:	60 mm
overall width:	42 mm
Keyword String	Thrust Roller Spherical
cage material:	Steel
fillet radius:	1.5 mm
Bearing number	29412 E
Thrust Bearing	Yes
Limiting speed	5000 r/min
Other Features	Single Row Window Type Cage
Rolling Element	Spherical Roller Bearing
Reference speed	2800 r/min
separable type:	Non-Separable
Precision Class	ABEC 1 ISO P0
Long Description	60MM Bore 1; 85.5MM Bore 2; 130MM Outside Diameter; 42MM Height; Spherical Roller Bearing; Single Direction; Self Aligning; Not Banded; Steel Cage; ABEC 1 ISO P0; Roller Assembly plus Raceways
Outside Diameter	5.118 Inch 130 Millimeter
Manufacturer URL	http://www.skf.com
outside diameter:	130 mm
Weight / Kilogram	2.6
Manufacturer Name	SKF
Bore Diameter (mm)	130
r _a max.	1.5 mm
D _a max.	107 mm
	90 mm

da min.

--	--

d_{b2} max.	67 mm
d_{b1} max.	67 mm
Outer Diameter (mm)	60
d_a - min.	90 mm
Minimum Buy Quantity	N/A
r_a - max.	1.5 mm
D_a - max.	107 mm
$r_{1,2}$ min.	1.5 mm
D_1 ?	85.5 mm
d_1 ?	112 mm
Component Description	Roller Assembly plus Raceways
d_{b2} - max.	67 mm
static load capacity:	915 kN
d_{b1} - max.	67 mm
Harmonized Tariff Code	8482.30.00.40
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	390 kN
Manufacturer Item Number	29412 E
Single or Double Direction	Single Direction
Factor min. axial load - A	0.08
Basic dynamic load rating C	390 kN
Minimum axial load factor A	0.08
operating temperature range:	Maximum of +392 °F
Basic dynamic load rating - C	390 kN
Fatigue load limit P_u	114 kN
Fatigue load limit - P_u	114 kN

Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C_0	915 kN
Basic static load rating - C_0	915 kN