



Bearing No. BTW 130 CTN9/SP

D	200 mm
d	130 mm
H	84 mm
2C	42 mm
Noun	Bearing
Bore	5.118 Inch 130 Millimeter
Width	3.307 Inch 84 Millimeter
UNSPSC	31171531
Preload	870 N
Category	Precision Ball Bearings
Inventory	0.0
Enclosure	Open
Size (mm)	130x200x84
Keyword 3	Thrust
Width (mm)	84
Weight / LBS	16.75511
Flush Ground	No
Mass bearing	7.6 kg
Product Group	B00308
Inch - Metric	Metric
Cage Material	Polyamide
Raceway Style	Not Applicable
Contact Angle	60 Degree
d ₁	170.8 mm
d ₁	170.8 mm
Keyword String	Ball Angular Contact Thrust
Other Features	Double Row Angular Contact Thrust Bearing

	Double Direction
Bearing number	BTW 130 CTN9/SP
G _{ref}	40.4 cm
Precision Class	ABEC 5 ISO P5
Material - Ball	Steel
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	7.874 Inch 200 Millimeter
Long Description	130MM Bore; 200MM Outside Diameter; 84MM Width; Open Enclosure; ABEC 5 ISO P5 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Polyamide Cage Material; Ball Bearing
Weight / Kilogram	0
Manufacturer Name	SKF
r _b max.	1 mm
r _a max.	2 mm
D _a max.	190 mm
D _a min.	187.5 mm
d _a min.	156 mm
Bore Diameter (mm)	130
Number of Bearings	1 (Single)
Outer Diameter (mm)	200
Minimum Buy Quantity	N/A
r _{3,4} min.	1 mm
D _a - min.	187.5 mm
d _a - min.	156 mm
r _a - max.	2 mm
r _b - max.	1 mm

D_a - max.	190 mm
$r_{1,2}$ min.	2 mm
Static Axial rigidity	1032 N/micron
Static axial stiffness	1032 N/ μ m
Harmonized Tariff Code	8482.10.50.28
$r_{3,4}$ - min.	1 mm
$r_{1,2}$ - min.	2 mm
Basic dynamic load rating C	106 kN
Basic dynamic load rating - C	106 kN
Fatigue load limit P_u	13.2 kN
Fatigue load limit - P_u	13.2 kN
Limiting speed for oil lubrication	4300 mm/min
Limiting speed for grease lubrication	3600 r/min
Basic static load rating C_0	360 kN
Attainable speed for grease lubrication	3600 r/min
Attainable speed for oil-air lubrication	4300 r/min
Basic static load rating - C_0	360 kN
Reference grease quantity G_{ref}	40.4 cm ³