



Bearing No. BTW 100 CTN9/SP

H	60 mm
d	100 mm
D	150 mm
B	30 mm
C	15 mm
d1	129 mm
dh	- mm
2C	30 mm
D1	127,5 mm
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
Width	2.362 Inch 60 Millimeter
Da min	140,9 mm
Weight	2,95 Kg
UNSPSC	31171531
ra max.	1,5 mm
rb max.	0,6 mm
Preload	None
Da max.	142 mm
r4 min.	0,6 mm
r3 min.	0,6 mm
r2 min.	1,5 mm
r1 min.	1,5 mm
da min.	119 mm
Category	Precision Ball Bearings
Size (mm)	100x150x30
Enclosure	Open
Inventory	0.0
Keyword 3	Thrust

Width (mm)	30
Flush Ground	No
Weight / LBS	6.61386
Mass bearing	2.97 kg
d ₁	128.9 mm
Inch - Metric	Metric
Cage Material	Polyamide
Raceway Style	Not Applicable
Contact Angle	60 Degree
Product Group	B04270
Bearing number	BTW 100 CTN9/SP
Other Features	Double Row Angular Contact Thrust Bearing Double Direction
Keyword String	Ball Angular Contact Thrust
Precision Class	ABEC 5 ISO P5
Rolling Element	Ball Bearing
Material - Ball	Steel
Manufacturer URL	http://www.skf.com
Long Description	100MM Bore; 150MM Outside Diameter; 60MM Width; Open Enclosure; ABEC 5 ISO P5 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Polyamide Cage Material; Ball Bearing
Outside Diameter	5.906 Inch 150 Millimeter
Weight / Kilogram	1
Manufacturer Name	SKF
d _a min.	119 mm
r _a max.	1.5 mm

D _a min.	140.9 mm
D _a max.	142 mm
r _b max.	0.6 mm
Bore Diameter (mm)	100
Number of Bearings	1 (Single)
Outer Diameter (mm)	150
r _{3,4} min.	0.6 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	1.5 mm
Harmonized Tariff Code	8482.10.50.28
Static axial stiffness	880 N/μm
(Oil) Lubrication Speed	6 000 r/min
Manufacturer Item Number	BTW 100 CTN9/SP
(Grease) Lubrication Speed	5 000 r/min
Basic dynamic load rating C	59.2 kN
Basic static load rating (C ₀)	193 kN
Basic dynamic load rating (C)	59,2 kN
Fatigue load limit P _u	8.15 kN
Basic static load rating C ₀	193 kN
Attainable speed for grease lubrication	5000 r/min
Attainable speed for oil-air lubrication	6000 r/min
Reference grease quantity G _{ref}	15.7 cm ³