



Bearing No. BTW 65 CTN9/SP

D	100 mm
d	65 mm
H	44 mm
2C	22 mm
Noun	Bearing
Bore	2.559 Inch 65 Millimeter
Width	1.732 Inch 44 Millimeter
UNSPSC	31171531
Preload	490 N
Category	Precision Ball Bearings
Inventory	0.0
Enclosure	Open
Size (mm)	65x100x44
Keyword 3	Thrust
Width (mm)	44
Weight / LBS	2.20462
Flush Ground	No
Mass bearing	1 kg
Product Group	B00308
Inch - Metric	Metric
Cage Material	Polyamide
Raceway Style	Not Applicable
Contact Angle	60 Degree
d ₁	85.2 mm
d ₁	85.2 mm
Keyword String	Ball Angular Contact Thrust
Other Features	Double Row Angular Contact Thrust Bearing

	Double Direction
Bearing number	BTW 65 CTN9/SP
G_{ref}	5.6 cm
Precision Class	ABEC 5 ISO P5
Material - Ball	Steel
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	3.937 Inch 100 Millimeter
Long Description	65MM Bore; 100MM Outside Diameter; 44MM 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	0.997
Manufacturer Name	SKF
r_b max.	0.6 mm
r_a max.	1 mm
D_a max.	95 mm
D_a min.	94 mm
d_a min.	78 mm
Bore Diameter (mm)	65
Number of Bearings	1 (Single)
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
$r_{3,4}$ min.	0.6 mm
D_a - min.	94 mm
d_a - min.	78 mm
r_a - max.	1 mm
r_b - max.	0.6 mm

D_a - max.	95 mm
$r_{1,2}$ min.	1.1 mm
Static Axial rigidity	653 N/micron
Static axial stiffness	653 N/ μ m
Harmonized Tariff Code	8482.10.50.28
$r_{3,4}$ - min.	0.6 mm
$r_{1,2}$ - min.	1.1 mm
Basic dynamic load rating C	31.9 kN
Basic dynamic load rating - C	31.9 kN
Fatigue load limit P_u	4.3 kN
Fatigue load limit - P_u	4.3 kN
Limiting speed for oil lubrication	8500 mm/min
Limiting speed for grease lubrication	7000 r/min
Basic static load rating C_0	90 kN
Attainable speed for grease lubrication	7000 r/min
Attainable speed for oil-air lubrication	8500 r/min
Basic static load rating - C_0	90 kN
Reference grease quantity G_{ref}	5.6 cm ³