



Bearing No. BTW 70 CTN9/SP

H	48 mm
d	70 mm
B	24 mm
D	110 mm
C	12 mm
2C	24 mm
d1	93,5 mm
dh	- mm
D1	92,5 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
Width	1.89 Inch 48 Millimeter
UNSPSC	31171531
Da min	103,4 mm
Weight	1,35 Kg
ra max.	1 mm
Da max.	105 mm
rb max.	0,6 mm
da min.	85 mm
r4 min.	0,6 mm
r3 min.	0,6 mm
r2 min.	1,1 mm
r1 min.	1,1 mm
Preload	None
Category	Precision Ball Bearings
Size (mm)	70x110x24
Enclosure	Open
Inventory	0.0
Keyword 3	Thrust

Width (mm)	24
Mass bearing	1.36 kg
Weight / LBS	2.97624
Flush Ground	No
Product Group	B00308
Inch - Metric	Metric
Contact Angle	60 Degree
d ₁	93.5 mm
Raceway Style	Not Applicable
Cage Material	Polyamide
Keyword String	Ball Angular Contact Thrust
Other Features	Double Row Angular Contact Thrust Bearing Double Direction
Bearing number	BTW 70 CTN9/SP
Rolling Element	Ball Bearing
Material - Ball	Steel
Precision Class	ABEC 5 ISO P5
Long Description	70MM Bore; 110MM Outside Diameter; 48MM Width; Open Enclosure; ABEC 5 ISO P5 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Polyamide Cage Material; Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	4.331 Inch 110 Millimeter
Weight / Kilogram	1.5
Manufacturer Name	SKF
r _b max.	0.6 mm
r _a max.	1 mm

D_a max.	105 mm
D_a min.	103.4 mm
d_a min.	85 mm
Bore Diameter (mm)	70
Number of Bearings	1 (Single)
Outer Diameter (mm)	110
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
Minimum Buy Quantity	N/A
Static axial stiffness	673 N/ μ m
Harmonized Tariff Code	8482.10.50.28
(Oil) Lubrication Speed	8 000 r/min
(Grease) Lubrication Speed	6 700 r/min
Basic dynamic load rating C	39 kN
Basic static load rating (C ₀)	112 kN
Basic dynamic load rating (C)	39 kN
Fatigue load limit P_u	5.3 kN
Basic static load rating C ₀	112 kN
Attainable speed for grease lubrication	6700 r/min
Attainable speed for oil-air lubrication	8000 r/min
Reference grease quantity G_{ref}	7.4 cm ³