



Bearing No. BTW 40 CTN9/SP

H	36 mm
d	40 mm
B	18 mm
D	68 mm
C	9 mm
2C	18 mm
d1	56,4 mm
dh	– mm
D1	55,9 mm
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
Width	1.417 Inch 36 Millimeter
UNSPSC	31171531
Da min	63,4 mm
Weight	0,42 Kg
ra max.	1 mm
Da max.	64 mm
rb max.	0,3 mm
da min.	50 mm
r4 min.	0,3 mm
r3 min.	0,3 mm
r2 min.	1 mm
r1 min.	1 mm
Preload	None
Category	Precision Ball Bearings
Size (mm)	40x68x18
Enclosure	Open
Inventory	0.0
Keyword 3	Thrust

Width (mm)	18
Mass bearing	0.42 kg
Weight / LBS	0.92594
Flush Ground	No
Product Group	B00308
Inch - Metric	Metric
Contact Angle	60 Degree
d ₁	56.4 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 40 CTN9/SP
Rolling Element	Ball Bearing
Material - Ball	Steel
Precision Class	ABEC 5 ISO P5
Long Description	40MM Bore; 68MM Outside Diameter; 36MM 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	2.677 Inch 68 Millimeter
Weight / Kilogram	0.464
Manufacturer Name	SKF
r _b max.	0.3 mm
r _a max.	1 mm

D_a max.	64 mm
D_a min.	63.4 mm
d_a min.	50 mm
Bore Diameter (mm)	40
Number of Bearings	1 (Single)
Outer Diameter (mm)	68
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.3 mm
Minimum Buy Quantity	N/A
Static axial stiffness	481 N/ μ m
Harmonized Tariff Code	8482.10.50.28
(Oil) Lubrication Speed	13 000 r/min
(Grease) Lubrication Speed	10 000 r/min
Basic dynamic load rating C	19.5 kN
Basic static load rating (C ₀)	46,5 kN
Basic dynamic load rating (C)	19,5 kN
Fatigue load limit P_u	2.24 kN
Basic static load rating C ₀	46.5 kN
Attainable speed for grease lubrication	10000 r/min
Attainable speed for oil-air lubrication	13000 r/min
Reference grease quantity G_{ref}	2.5 cm ³