



Bearing No. BTW 55 CTN9/SP

D	90 mm
d	55 mm
H	44 mm
2C	22 mm
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
Width	1.732 Inch 44 Millimeter
UNSPSC	31171531
Preload	440 N
Category	Precision Ball Bearings
Inventory	0.0
Enclosure	Open
Size (mm)	55x90x44
Keyword 3	Thrust
Width (mm)	44
Flush Ground	No
Weight / LBS	1.91802
Mass bearing	0.86 kg
Inch - Metric	Metric
Cage Material	Polyamide
Raceway Style	Not Applicable
Product Group	B00308
d ₁	75.2 mm
Contact Angle	60 Degree
d ₁	75.2 mm
Bearing number	BTW 55 CTN9/SP
Other Features	Double Row Angular Contact Thrust Bearing Double Direction

Keyword String	Ball Angular Contact Thrust
G _{ref}	4.8 cm
Precision Class	ABEC 5 ISO P5
Material - Ball	Steel
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	3.543 Inch 90 Millimeter
Long Description	55MM Bore; 90MM 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
Manufacturer Name	SKF
Weight / Kilogram	0.94
D _a min.	84 mm
D _a max.	85 mm
Number of Bearings	1 (Single)
r _a max.	1 mm
Bore Diameter (mm)	55
r _b max.	0.6 mm
d _a min.	68 mm
Outer Diameter (mm)	90
r _{3,4} min.	0.6 mm
r _{1,2} min.	1.1 mm
Minimum Buy Quantity	N/A
D _a - min.	84 mm
d _a - min.	68 mm
D _a - max.	85 mm

r_a - max.	1 mm
r_b - max.	0.6 mm
Static Axial rigidity	580 N/micron
$r_{3,4}$ - min.	0.6 mm
$r_{1,2}$ - min.	1.1 mm
Static axial stiffness	580 N/ μ m
Harmonized Tariff Code	8482.10.50.28
Manufacturer Item Number	BTW 55 CTN9/SP
Basic dynamic load rating C	30.2 kN
Basic dynamic load rating - C	30.2 kN
Fatigue load limit P_u	3.8 kN
Fatigue load limit - P_u	3.8 kN
Limiting speed for oil lubrication	9000 mm/min
Limiting speed for grease lubrication	7500 r/min
Basic static load rating C_0	80 kN
Attainable speed for grease lubrication	7500 r/min
Attainable speed for oil-air lubrication	9000 r/min
Basic static load rating - C_0	80 kN
Reference grease quantity G_{ref}	4.8 cm ³