



Bearing No. BTW 95 CTN9/SP

H	60 mm
d	95 mm
B	30 mm
D	145 mm
C	15 mm
2C	30 mm
d1	124 mm
dh	- mm
D1	122,5 mm
Bore	3.74 Inch 95 Millimeter
Noun	Bearing
Width	2.362 Inch 60 Millimeter
UNSPSC	31171531
Da min	135,9 mm
Weight	2,8 Kg
ra max.	1,5 mm
Da max.	137 mm
rb max.	0,6 mm
da min.	114 mm
r4 min.	0,6 mm
r3 min.	0,6 mm
r2 min.	1,5 mm
r1 min.	1,5 mm
Preload	None
Category	Precision Ball Bearings
Size (mm)	95x145x30
Enclosure	Open
Inventory	0.0
Keyword 3	Thrust

Width (mm)	30
Mass bearing	2.82 kg
Weight / LBS	6.17294
Flush Ground	No
Product Group	B00308
Inch - Metric	Metric
Contact Angle	60 Degree
d ₁	123.9 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 95 CTN9/SP
Rolling Element	Ball Bearing
Material - Ball	Steel
Precision Class	ABEC 5 ISO P5
Long Description	95MM Bore; 145MM 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
Manufacturer URL	http://www.skf.com
Outside Diameter	5.709 Inch 145 Millimeter
Weight / Kilogram	0
Manufacturer Name	SKF
r _b max.	0.6 mm
r _a max.	1.5 mm

D_a max.	137 mm
D_a min.	135.9 mm
d_a min.	114 mm
Bore Diameter (mm)	95
Number of Bearings	1 (Single)
Outer Diameter (mm)	145
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	0.6 mm
Minimum Buy Quantity	N/A
Static axial stiffness	822 N/ μ m
Harmonized Tariff Code	8482.10.50.28
(Oil) Lubrication Speed	6 000 r/min
(Grease) Lubrication Speed	5 000 r/min
Basic dynamic load rating C	57.2 kN
Basic static load rating (C0)	180 kN
Basic dynamic load rating (C)	57,2 kN
Fatigue load limit P_u	7.8 kN
Basic static load rating C_0	180 kN
Attainable speed for grease lubrication	5000 r/min
Attainable speed for oil-air lubrication	6000 r/min
Reference grease quantity G_{ref}	15.1 cm ³