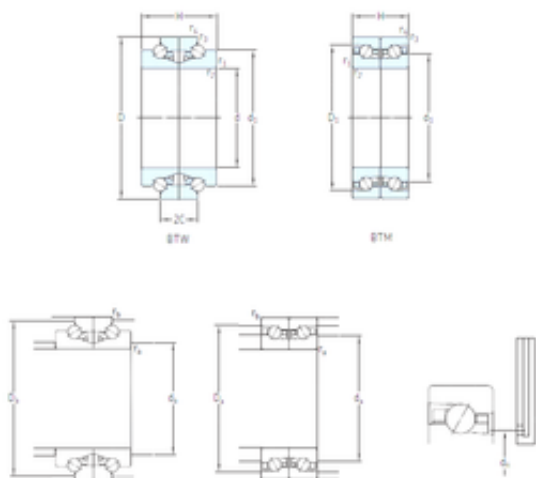




SUPER PRECISION BEARINGS MANUFACTURER

SKF BTW 95 CTN9/SP High Precision Ball Bearings

Bearing No. BTW 95 CTN9/SP



BTW 95 CTN9/SP Bearing 2D drawings and 3D CAD models

Size	95x145x30 mm
Bore Diameter	95 mm
Outer Diameter	145 mm
Width	30 mm
d	95 mm
D	145 mm
B	30 mm
C	15 mm
d1	124 mm
r1 min.	1,5 mm
r2 min.	1,5 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	122,5 mm
H	60 mm
da min.	114 mm
Da min	135,9 mm
Da max.	137 mm
ra max.	1,5 mm
rb max.	0,6 mm
dh	– mm
Weight	2,8 Kg
Basic dynamic load rating (C)	57,2 kN
Basic static load rating (C0)	180 kN
(Grease) Lubrication Speed	5 000 r/min



SUPER PRECISION BEARINGS MANUFACTURER

(Oil) Lubrication Speed	6 000 r/min
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 5 ISO P5
Material - Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	60 Degree
Preload	None
Raceway Style	Not Applicable
Cage Material	Polyamide
Rolling Element	Ball Bearing
Flush Ground	No
Inch - Metric	Metric
Other Features	Double Row Angular Contact Thrust Bearing Double Direction
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
Category	Precision Ball Bearings
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword 3	Thrust
Keyword String	Ball Angular Contact Thrust



SUPER PRECISION BEARINGS MANUFACTURER

Manufacturer URL	http://www.skf.com
Weight / LBS	6.17294
Outside Diameter	5.709 Inch 145 Millimeter
Bore	3.74 Inch 95 Millimeter
Width	2.362 Inch 60 Millimeter
d_1	123.9 mm
2C	30 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	114 mm
D_a min.	135.9 mm
D_a max.	137 mm
r_a max.	1.5 mm
r_b max.	0.6 mm
Basic dynamic load rating C	57.2 kN
Basic static load rating C_0	180 kN
Fatigue load limit P_u	7.8 kN
Attainable speed for grease lubrication	5000 r/min
Attainable speed for oil-air lubrication	6000 r/min
Static axial stiffness	822 N/ μ m
Reference grease quantity G_{ref}	15.1 cm ³
Mass bearing	2.82 kg