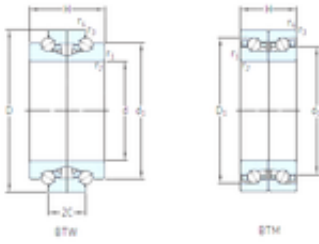


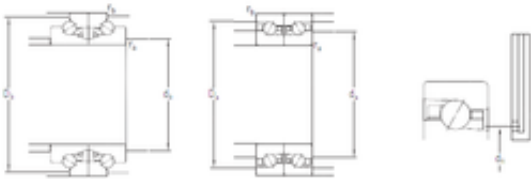


NTN Bearing Driveshaft USA CORP.



70 mm x 110 mm x 24 mm SKF BTW 70 CTN9/SP Angular contact ball bearings

Bearing No. BTW 70 CTN9/SP



BTW 70 CTN9/SP Bearing 2D drawings and 3D CAD models

Size	70x110x24 mm
Bore Diameter	70 mm
Outer Diameter	110 mm
Width	24 mm
d	70 mm
D	110 mm
B	24 mm
C	12 mm
d1	93,5 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	92,5 mm
H	48 mm
da min.	85 mm
Da min	103,4 mm
Da max.	105 mm
ra max.	1 mm
rb max.	0,6 mm
dh	– mm
Weight	1,35 Kg
Basic dynamic load rating (C)	39 kN
Basic static load rating (C0)	112 kN
(Grease) Lubrication Speed	6 700 r/min



NTN Bearing Driveshaft USA CORP.

(Oil) Lubrication Speed	8 000 r/min
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.5
EAN	7316574830466
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	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
Category	Precision Ball Bearings
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword 3	Thrust



NTN Bearing Driveshaft USA CORP.

Keyword String	Ball Angular Contact Thrust
Manufacturer URL	http://www.skf.com
Weight / LBS	2.97624
Outside Diameter	4.331 Inch 110 Millimeter
Width	1.89 Inch 48 Millimeter
Bore	2.756 Inch 70 Millimeter
d_1	93.5 mm
2C	24 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	85 mm
D_a min.	103.4 mm
D_a max.	105 mm
r_a max.	1 mm
r_b max.	0.6 mm
Basic dynamic load rating C	39 kN
Basic static load rating C_0	112 kN
Fatigue load limit P_u	5.3 kN
Attainable speed for grease lubrication	6700 r/min
Attainable speed for oil-air lubrication	8000 r/min
Static axial stiffness	673 N/ μ m
Reference grease quantity G_{ref}	7.4 cm ³
Mass bearing	1.36 kg