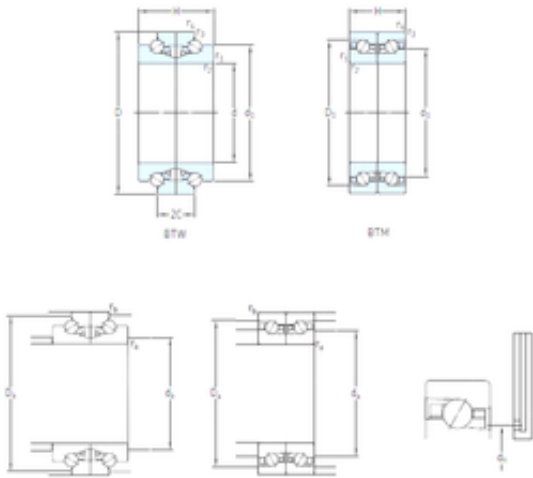




# YYH Bearing & Drivetrain Co., Ltd.

## 75 mm x 115 mm x 24 mm SKF BTW 75 CTN9/SP DB/DF/DT Precision Bearings

Bearing No. BTW 75 CTN9/SP



BTW 75 CTN9/SP Bearing 2D drawings and 3D CAD models

Size	75x115x24 mm
Bore Diameter	75 mm
Outer Diameter	115 mm
Width	24 mm
d	75 mm
D	115 mm
B	24 mm
C	12 mm
d1	98,5 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	97,5 mm
H	48 mm
da min.	90 mm
Da min	108,4 mm
Da max.	110 mm
ra max.	1 mm
rb max.	0,6 mm
dh	– mm
Weight	1,45 Kg
Basic dynamic load rating (C)	39,7 kN
Basic static load rating (C0)	116 kN
(Grease) Lubrication Speed	6 300 r/min



## YYH Bearing&Drivetrain Co., Ltd.

(Oil) Lubrication Speed	7 500 r/min
Category	Precision Ball Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.6
EAN	7316574673995
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	75MM Bore; 115MM 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



## YYH Bearing&Drivetrain Co., Ltd.

Keyword String	Ball Angular Contact Thrust
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	3.1967
Outside Diameter	4.528 Inch   115 Millimeter
Bore	2.953 Inch   75 Millimeter
Width	1.89 Inch   48 Millimeter
$d_1$	98.5 mm
2C	24 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	90 mm
$D_a$ min.	108.4 mm
$D_a$ max.	110 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
Basic dynamic load rating C	39.7 kN
Basic static load rating $C_0$	116 kN
Fatigue load limit $P_u$	5.6 kN
Attainable speed for grease lubrication	6300 r/min
Attainable speed for oil-air lubrication	7500 r/min
Static axial stiffness	714 N/ $\mu$ m
Reference grease quantity $G_{ref}$	7.8 cm <sup>3</sup>
Mass bearing	1.44 kg