



Bearing No. BTW 35 CTN9/SP

H	34 mm
d	35 mm
B	17 mm
D	62 mm
C	8,5 mm
2C	17 mm
d1	50,8 mm
dh	– mm
D1	50,2 mm
Bore	1.378 Inch   35 Millimeter
Noun	Bearing
Width	1.339 Inch   34 Millimeter
UNSPSC	31171531
Da min	57,3 mm
Weight	0,35 Kg
ra max.	1 mm
Da max.	58 mm
rb max.	0,3 mm
da min.	45 mm
r4 min.	0,3 mm
r3 min.	0,3 mm
r2 min.	1 mm
r1 min.	1 mm
Preload	None
Category	Precision Ball Bearings
Size (mm)	35x62x17
Enclosure	Open
Inventory	0.0
Keyword 3	Thrust

Width (mm)	17
Mass bearing	0.35 kg
Weight / LBS	0.77162
Flush Ground	No
Product Group	B00308
Inch - Metric	Metric
Contact Angle	60 Degree
d <sub>1</sub>	50.8 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 35 CTN9/SP
Rolling Element	Ball Bearing
Precision Class	ABEC 5   ISO P5
Material - Ball	Steel
Outside Diameter	2.441 Inch   62 Millimeter
Long Description	35MM Bore; 62MM Outside Diameter; 34MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / Kilogram	0
Manufacturer Name	SKF
r <sub>b</sub> max.	0.3 mm
r <sub>a</sub> max.	1 mm

$D_a$ max.	58 mm
$D_a$ min.	57.3 mm
$d_a$ min.	45 mm
Bore Diameter (mm)	35
Number of Bearings	1 (Single)
Outer Diameter (mm)	62
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.3 mm
Minimum Buy Quantity	N/A
Static axial stiffness	455 N/ $\mu$ m
Harmonized Tariff Code	8482.10.50.28
(Oil) Lubrication Speed	14 000 r/min
(Grease) Lubrication Speed	11 000 r/min
Basic dynamic load rating C	16.8 kN
Basic static load rating (C0)	39 kN
Basic dynamic load rating (C)	16,8 kN
Fatigue load limit $P_u$	1.83 kN
Basic static load rating $C_0$	39 kN
Attainable speed for grease lubrication	11000 r/min
Attainable speed for oil-air lubrication	14000 r/min
Reference grease quantity $G_{ref}$	1.9 cm <sup>3</sup>