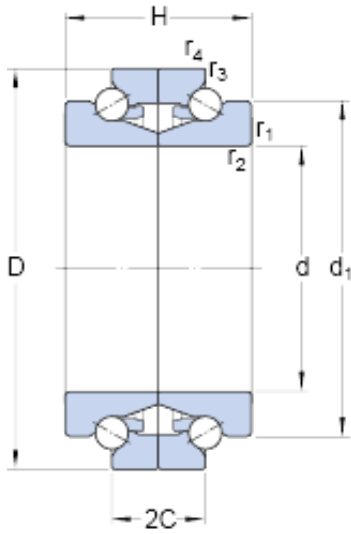




CSC BEARING GROUP limited



BTW 45 CTN9/SP Bearing 2D drawings and 3D CAD models

SKF BTW 45 CTN9/SP Ball bearing

Bearing No. BTW 45 CTN9/SP

Size	45x75x38 mm
Bore Diameter	45 mm
Outer Diameter	75 mm
Width	38 mm
d	45 mm
D	75 mm
H	38 mm
d ₁	62.5 mm
2C	19 mm
r _{1,2} - min.	1 mm
r _{3,4} - min.	0.3 mm
d _a - min.	56 mm
D _a - min.	69.9 mm
D _a - max.	71 mm
r _a - max.	1 mm
r _b - max.	0.3 mm
Basic dynamic load rating - C	22.1 kN
Basic static load rating - C ₀	54 kN
Fatigue load limit - P _u	2.6 kN
Limiting speed for grease lubrication	9500 r/min
Limiting speed for oil lubrication	12000 mm/min
Preload	390 N
Static Axial rigidity	513 N/micron
G _{ref}	3.1 cm



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Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.568
EAN	7316574690633
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 5 ISO P5
Material - Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	60 Degree
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 Super Precision Double Direction Ball Centered
Long Description	45MM Bore; 75MM Outside Diameter; 38MM Width; Open Enclosure; ABEC 5 ISO P5 Precision; Steel Ball Material; 1 (Single) Bearings; 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 String	Angular Contact Ball
Manufacturer URL	http://www.skf.com



CSC BEARING GROUP limited

Manufacturer Item Number	BTW 45 CTN9/SP
Weight / LBS	1.25
Width	1.496 Inch 38 Millimeter
Bore	1.772 Inch 45 Millimeter
Outside Diameter	2.953 Inch 75 Millimeter
d_1	62.5 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.3 mm
d_a min.	56 mm
D_a min.	69.9 mm
D_a max.	71 mm
r_a max.	1 mm
r_b max.	0.3 mm
Basic dynamic load rating C	22.1 kN
Basic static load rating C_0	54 kN
Fatigue load limit P_u	2.6 kN
Attainable speed for grease lubrication	9500 r/min
Attainable speed for oil-air lubrication	12000 r/min
Static axial stiffness	513 N/ μ m
Reference grease quantity G_{ref}	3.1 cm ³
Mass bearing	0.53 kg