

SKF 331300 tapered roller bearings

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Size (mm)	120x180x72
Bore Diameter (mm)	120
Outer Diameter (mm)	180
Width (mm)	72
d	120 mm
D	180 mm
H	72 mm
d1	155 mm
2C	36 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
da – min.	142 mm
Da – min.	169.8 mm
Da – max.	171 mm
ra – max.	2 mm
rb – max.	1 mm
Basic dynamic load rating – C	85.2 kN
Basic static load rating – C0	280 kN
Fatigue load limit – Pu	10.8 kN
Limiting speed for grease lubrication	4000 r/min

Limiting speed for oil lubrication	4800 mm/min
Preload	800 N
Static Axial rigidity	979 N/micron
Gref	28.4 cm
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.62
EAN	7316574830459
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 Double Direction
Long Description	120MM Bore; 180MM Outside Diameter; 72MM Width; Open Enclosure; ABEC 5 ISO P5 Precision; Steel Bal
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28

Noun	Bearing
Keyword 3	Thrust
Keyword String	Ball Angular Contact Thrust
Manufacturer Item Number	BTW 120 CTN9/SP
Weight / LBS	11.13333
Width	2.835 Inch 72 Millimeter
Bore	4.724 Inch 120 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
r1,2 min.	2 mm
r3,4 min.	1 mm
da min.	142 mm
Da min.	169.8 mm
Da max.	171 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	85.2 kN
Basic static load rating C0	280 kN
Fatigue load limit Pu	10.8 kN
Attainable speed for grease lubrication	4000 r/min
Attainable speed for oil-air lubrication	4800 r/min
Static axial stiffness	979 N/μm
Reference grease quantity Gref	28.4 cm ³
Mass bearing	5.05 kg