



Bearing No. BTW 190 CM/SP

D	290 mm
d	190 mm
H	120 mm
2C	60 mm
Noun	Bearing
Bore	7.48 Inch 190 Millimeter
Width	4.724 Inch 120 Millimeter
UNSPSC	31171531
Preload	1385 N
Category	Precision Ball Bearings
Inventory	0.0
Enclosure	Open
Size (mm)	190x290x120
Keyword 3	Thrust
Width (mm)	120
Weight / LBS	52.91088
Flush Ground	No
Mass bearing	24.1 kg
Product Group	B04270
Inch - Metric	Metric
Cage Material	Brass
Raceway Style	Not Applicable
Contact Angle	60 Degree
d ₁	248.3 mm
d ₁	248.3 mm
Keyword String	Ball Angular Contact Thrust
Other Features	Double Row Angular Contact Thrust Bearing

	Double Direction
Bearing number	BTW 190 CM/SP
G_{ref}	122.1 cm
Precision Class	ABEC 5 ISO P5
Material - Ball	Steel
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	11.417 Inch 290 Millimeter
Long Description	190MM Bore; 290MM Outside Diameter; 120MM Width; Open Enclosure; ABEC 5 ISO P5 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Brass Cage Material; Ball Bearing
Weight / Kilogram	0
Manufacturer Name	SKF
r_b max.	1 mm
r_a max.	2 mm
D_a max.	274 mm
D_a min.	272.6 mm
d_a min.	224 mm
Bore Diameter (mm)	190
Number of Bearings	1 (Single)
Outer Diameter (mm)	290
Minimum Buy Quantity	N/A
$r_{3,4}$ min.	1 mm
D_a - min.	272.6 mm
d_a - min.	224 mm
r_a - max.	2 mm
r_b - max.	1 mm

D_a - max.	274 mm
$r_{1,2}$ min.	2.1 mm
Static Axial rigidity	1361 N/micron
Static axial stiffness	1361 N/ μ m
Harmonized Tariff Code	8482.10.50.28
$r_{3,4}$ - min.	1 mm
$r_{1,2}$ - min.	2.1 mm
Basic dynamic load rating C	203 kN
Basic dynamic load rating - C	203 kN
Fatigue load limit P_u	22.8 kN
Fatigue load limit - P_u	22.8 kN
Limiting speed for oil lubrication	2600 mm/min
Limiting speed for grease lubrication	2000 r/min
Basic static load rating C_0	735 kN
Attainable speed for grease lubrication	2000 r/min
Attainable speed for oil-air lubrication	2600 r/min
Basic static load rating - C_0	735 kN
Reference grease quantity G_{ref}	122.1 cm ³