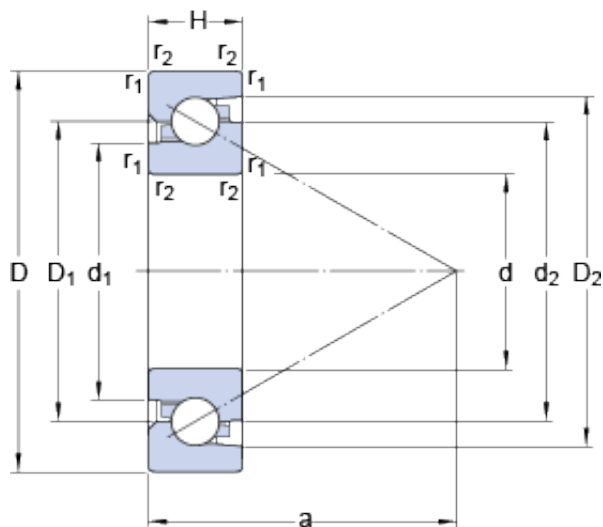




PIE Bearing Technology Co., Ltd

SKF BSA 206 C thrust ball bearings

Bearing No. BSA 206 C



BSA 206 C Bearing 2D drawings and 3D CAD models

Size	30x62x16 mm
Bore Diameter	30 mm
Outer Diameter	62 mm
Width	16 mm
d	30 mm
D	62 mm
H	16 mm
d ₁	39.9 mm
d ₂	46 mm
D ₁	46.1 mm
D ₂	52.91 mm
r _{1,2} - min.	1 mm
a	51 mm
d _a - min.	37 mm
d _b - min.	37 mm
D _a - max.	57 mm
D _b - max.	57 mm
r _a - max.	1 mm
Basic dynamic load rating - C	28.5 kN
Basic static load rating - C ₀	71 kN
Fatigue load limit - P _u	2.6 kN
Limiting speed for grease lubrication	8000 r/min
Limiting speed for oil lubrication	9500 mm/min



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Preload class A	2150 N
Preload class B	4300 N
Frictional moment, Preload class A	0.12 N · m
Frictional moment, Preload class B	0.21 N · m
Static Axial rigidity, Preload class A	870 N/micron
Static Axial rigidity, Preload class B	1110 N/micron
Max. axial load - F_a	max. 22.6 kN
G_{ref}	2.2 cm ³
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.232
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 7 ISO P4
Material - Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	62 Degree
Preload	None
Raceway Style	1 Rib Inner Ring and Outer Ring
Cage Material	Polyamide
Rolling Element	Ball Bearing
Flush Ground	No
Inch - Metric	Metric
Other Features	Single Row Angular Contact Super Precision
Long Description	30MM Bore; 62MM Outside Diameter; 16MM



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	Width; Open Enclosure; ABEC 7 ISO P4 Precision; Steel Ball Material; 1 (Single) Bearing; 62 Degree Contact Angle; Polyamide Cage Material; 1 Rib Inner Ring and
Category	Precision Ball Bearings
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword 3	Thrust
Keyword String	Ball Angular Contact Thrust
Manufacturer URL	http://www.skf.com
Weight / LBS	0.02
Bore	1.181 Inch 30 Millimeter
Width	0.63 Inch 16 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
d_1	39.9 mm
d_2	46 mm
D_1	46.1 mm
D_2	52.91 mm
$r_{1,2}$ min.	1 mm
d_a min.	37 mm
d_b min.	37 mm
D_a max.	57 mm
D_b max.	57 mm
r_a max.	1 mm
Basic dynamic load rating C	28.5 kN
Basic static load rating C_0	71 kN
Fatigue load limit P_u	2.65 kN
Attainable speed for grease lubrication	8000 r/min
Attainable speed for oil-air lubrication	9500 r/min



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Frictional moment, preload class A	0.12 N · m
Frictional moment, preload class B	0.21 N · m
Static axial stiffness, preload A	870 N/ μ m
Static axial stiffness, preload B	1110 N/ μ m
Maximum axial load carrying capacity F_a max.	22.6 kN
Reference grease quantity G_{ref}	2.2 cm ³
Mass bearing	0.23 kg