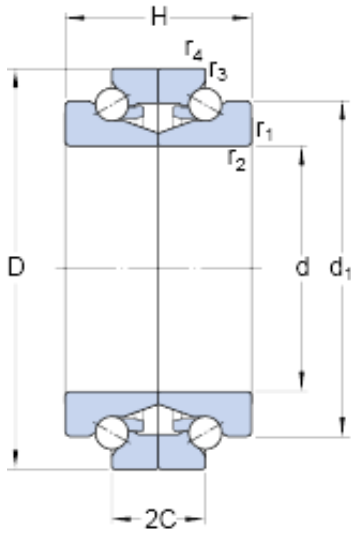




MSD MANUFACTURING CO.,LTD.



BTW 150 CM/SP Bearing 2D drawings and 3D CAD models

skf BTW 150 CM/SP Angular contact thrust ball bearings, double direction, super-precision

Bearing No. BTW 150 CM/SP

Size	150x225x90 mm
Bore Diameter	150 mm
Outer Diameter	225 mm
Width	90 mm
d	150 mm
D	225 mm
H	90 mm
d ₁	193.7 mm
2C	45 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	1 mm
d _a - min.	178 mm
D _a - min.	212.4 mm
D _a - max.	213 mm
r _a - max.	2 mm
r _b - max.	1 mm
Basic dynamic load rating - C	127 kN
Basic static load rating - C ₀	440 kN
Fatigue load limit - P _u	15.3 kN
Limiting speed for grease lubrication	3000 r/min
Limiting speed for oil lubrication	3600 mm/min
Preload	1015 N
Static Axial rigidity	1125 N/micron



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G _{ref}	55.8 cm
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316575042684
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	Brass
Rolling Element	Ball Bearing
Flush Ground	No
Inch - Metric	Metric
Other Features	Double Row Angular Contact Thrust Bearing Double Direction
Long Description	150MM Bore; 225MM Outside Diameter; 90MM Width; Open Enclosure; ABEC 5 ISO P5 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Brass Cage Material; Ball Bearing
Category	Precision Ball Bearings
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword 3	Thrust
Keyword String	Ball Angular Contact Thrust



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Manufacturer URL	http://www.skf.com
Weight / LBS	23.14851
Width	3.543 Inch 90 Millimeter
Bore	5.906 Inch 150 Millimeter
Outside Diameter	8.858 Inch 225 Millimeter
d_1	193.7 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1 mm
d_a min.	178 mm
D_a min.	212.4 mm
D_a max.	213 mm
r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	127 kN
Basic static load rating C_0	440 kN
Fatigue load limit P_u	15.3 kN
Attainable speed for grease lubrication	3000 r/min
Attainable speed for oil-air lubrication	3600 r/min
Static axial stiffness	1125 N/ μ m
Reference grease quantity G_{ref}	55.8 cm ³
Mass bearing	10.6 kg