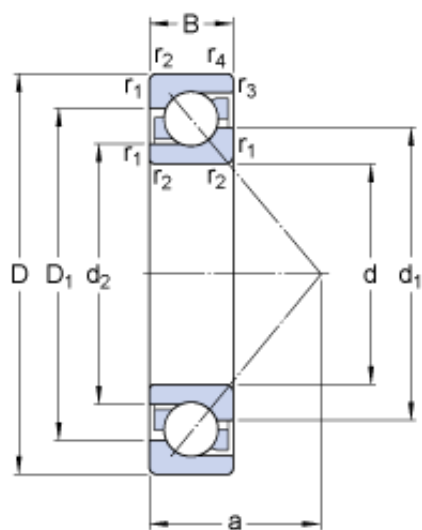




Bearing No. 7228 BM

D	250 mm
d	140 mm
B	42 mm
a	103 mm
Bore	5.512 Inch 140 Millimeter
Noun	Bearing
Width	1.654 Inch 42 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	250x140x42
Snap Ring	No
Width (mm)	42
Flush Ground	No
Mass bearing	8.85 kg
Weight / LBS	19.026
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Brass
D ₁	209.55 mm
d ₂	163.6 mm
d ₁	183.3 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7228 BM
Limiting speed	3000 r/min

Reference speed	3000 r/min
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Outside Diameter	9.843 Inch 250 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	140MM Bore; 250MM Outside Diameter; 42MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Manufacturer Name	SKF
Weight / Kilogram	8.64
d _a min.	154 mm
D _a max.	236 mm
Number of Bearings	1 (Single)
D _b max.	243 mm
Internal Clearance	C0-Medium
r _a max.	2.5 mm
r _b max.	1 mm
Bore Diameter (mm)	250
Outer Diameter (mm)	140
r _b - max.	1 mm
r _a - max.	2.5 mm
r _{3,4} min.	1.1 mm
Minimum Buy Quantity	N/A
D _b - max.	243 mm
Calculation factor A	0.763
D _a - max.	236 mm
r _{1,2} min.	3 mm
d _a - min.	154 mm
Calculation factor e	1.14

Calculation factor X	0.57
D_1 ?	209.55 mm
d_2 ?	163.6 mm
d_1 ?	183.3 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1.1 mm
$r_{1,2}$ - min.	3 mm
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Manufacturer Item Number	7228 BM
Basic dynamic load rating C	199 kN
Basic dynamic load rating - C	199 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.08
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit P_u	6.4 kN
Fatigue load limit - P_u	6.4 kN
Calculation factor - k_r	0.08
Calculation factor - k_a	1.2
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Basic static load rating C_0	212 kN
Basic static load rating - C_0	212 kN

