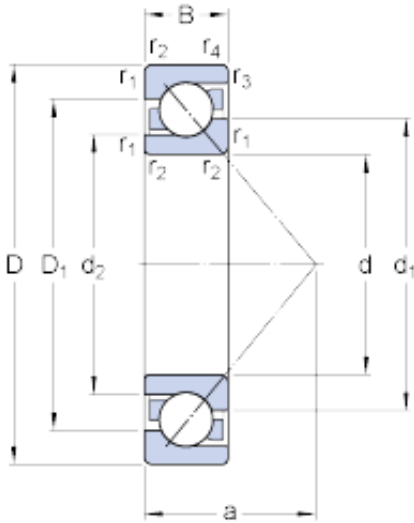




AMERICAN Timken BEARING MFG. CORP.



7076 BM Bearing 2D drawings and 3D CAD models

380 mm x 560 mm x 82 mm SKF 7076 BM
angular contact ball bearings

Bearing No. 7076 BM

Size	560x380x82 mm
Bore Diameter	560 mm
Outer Diameter	380 mm
Width	82 mm
d	380 mm
D	560 mm
B	82 mm
d ₁	450.63 mm
d ₂	419.05 mm
D ₁	492.33 mm
a	238 mm
r _{1,2} - min.	5 mm
r _{3,4} - min.	2 mm
d _a - min.	398 mm
D _a - max.	542 mm
D _b - max.	551 mm
r _a - max.	4 mm
r _b - max.	2 mm
Basic dynamic load rating - C	468 kN
Basic static load rating - C ₀	850 kN
Fatigue load limit - P _u	16.6 kN
Reference speed	1100 r/min
Limiting speed	1200 r/min
Calculation factor - k _r	0.083



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Calculation factor - k_a	0.9
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
d_1	450.63 mm
d_2	419.05 mm
D_1	492.33 mm
$r_{1,2}$ min.	5 mm
$r_{3,4}$ min.	2 mm
d_a min.	398 mm
D_a max.	542 mm
D_b max.	551 mm
r_a max.	4 mm
r_b max.	2 mm
Basic dynamic load rating C	468 kN
Basic static load rating C_0	850 kN
Fatigue load limit P_u	16.6 kN
Calculation factor A	11.9
Calculation factor k_r	0.083
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52



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Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	64.7 kg