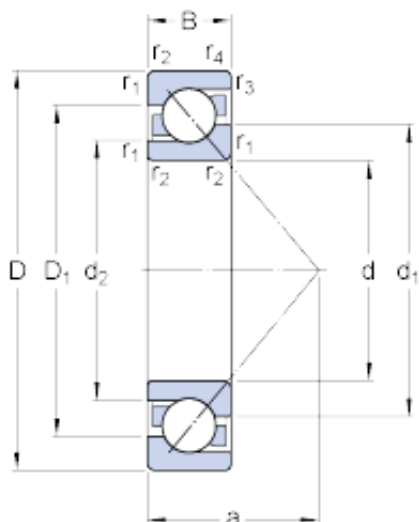




NACHI BEARINGS TRAINING INDUSTRY



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

Bearing No. 7076 BM

7076 BM Bearing 2D drawings and 3D CAD models

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



NACHI BEARINGS TRAINING INDUSTRY

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



NACHI BEARINGS TRAINING INDUSTRY

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