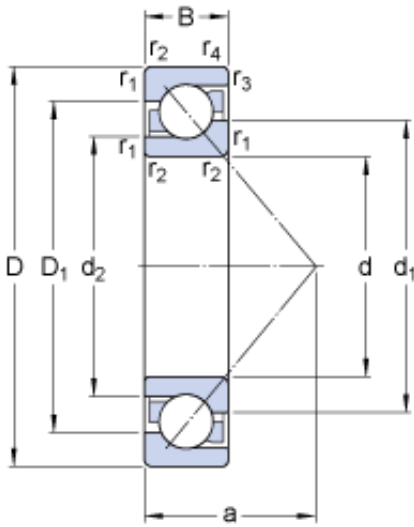




Shanghai Ruonan-Power Co., Ltd.



7256 BM Bearing 2D drawings and 3D CAD models

280 mm x 500 mm x 80 mm SKF 7256 BM
angular contact ball bearings

Bearing No. 7256 BM

Size	500x280x80 mm
Bore Diameter	500 mm
Outer Diameter	280 mm
Width	80 mm
d	280 mm
D	500 mm
B	80 mm
d ₁	367.7 mm
d ₂	328.07 mm
D ₁	417.7 mm
a	204 mm
r _{1,2} - min.	5 mm
r _{3,4} - min.	2 mm
d _a - min.	300 mm
D _a - max.	480 mm
D _b - max.	489 mm
r _a - max.	4 mm
r _b - max.	2 mm
Basic dynamic load rating - C	507 kN
Basic static load rating - C ₀	830 kN
Fatigue load limit - P _u	17.6 kN
Reference speed	1400 r/min
Limiting speed	1400 r/min
Calculation factor - k _r	0.08



Shanghai Ruonan-Power Co., Ltd.

Calculation factor - k_a	1.2
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	367.7 mm
d_2	328.07 mm
D_1	417.7 mm
$r_{1,2}$ min.	5 mm
$r_{3,4}$ min.	2 mm
d_a min.	300 mm
D_a max.	480 mm
D_b max.	489 mm
r_a max.	4 mm
r_b max.	2 mm
Basic dynamic load rating C	507 kN
Basic static load rating C_0	830 kN
Fatigue load limit P_u	17.6 kN
Calculation factor A	11.3
Calculation factor k_r	0.08
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



Shanghai Ruonan-Power Co., Ltd.

Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	67.5 kg