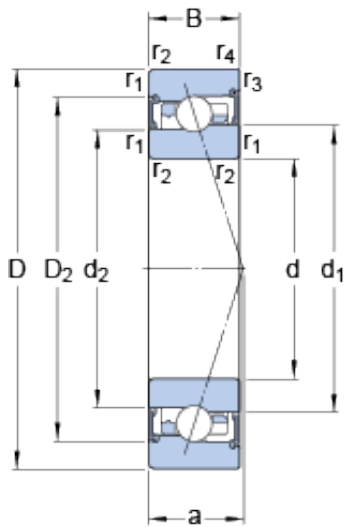




Bearing No. S7007 FW/HC

D	62 mm
d	35 mm
B	14 mm
a	14.8 mm
Ball - z	17
Size (mm)	62x35x14
Width (mm)	14
Mass bearing	0.14 kg
D ₂	54.85 mm
d ₂	41.6 mm
d ₁	43.7 mm
d ₂	41.6 mm
D ₂	54.85 mm
d ₁	43.7 mm
Bearing number	S7007 FW/HC
Number of balls z	17
d _a min.	39.6 mm
r _b max.	0.6 mm
r _a max.	1 mm
D _b max.	57.8 mm
D _a max.	57.4 mm
d _b max.	41 mm
d _b min.	39.6 mm
d _a max.	43.1 mm
Bore Diameter (mm)	62
Outer Diameter (mm)	35
Calculation factor e	0.57
d _b - min.	39.6 mm
r _{3,4} min.	0.6 mm
r _{1,2} min.	1 mm

d_a - max.	43.1 mm
D_b - max.	57.8 mm
d_b - max.	41 mm
d_a - min.	39.6 mm
Ball - D_w	7.144 mm
D_a - max.	57.4 mm
r_b - max.	0.6 mm
r_a - max.	1 mm
$r_{1,2}$ - min.	1 mm
$r_{3,4}$ - min.	0.6 mm
Calculation factor - e	0.57
Basic dynamic load rating C	11.4 kN
Ball diameter D_w	7.144 mm
Basic dynamic load rating - C	11.4 kN
Fatigue load limit P_u	0.275 kN
Calculation factor - X_2	0.7
Calculation factor - Y_1	1.09
Fatigue load limit - P_u	0.275 kN
Calculation factor - Y_2	1.63
Calculation factor - Y_0	0.84
Limiting speed for grease lubrication	35000 r/min
Basic static load rating C_0	6.55 kN
Attainable speed for grease lubrication	35000 r/min
Basic static load rating - C_0	6.6 kN
Calculation factor (single, tandem) Y_2	1
Calculation factor	0.42

(single, tandem) Y_0	
Calculation factor (single, tandem) X_2	0.43
Calculation factor (back- to-back, face-to-face) Y_1	1.09
Calculation factor (back- to-back, face-to-face) Y_2	1.63
Calculation factor (back- to-back, face-to-face) Y_0	0.84
Calculation factor (back- to-back, face-to-face) X_2	0.7