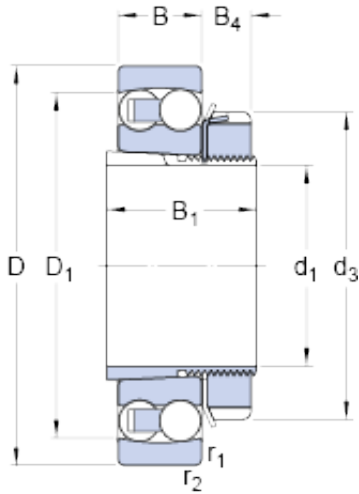




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80 mm x 160 mm x 30 mm SKF 1218 K + H 218
self aligning ball bearings

Bearing No. 1218 K + H 218

1218 K + H 218 Bearing 2D drawings and 3D CAD
models

Size	160x80x52 mm
Bore Diameter	160 mm
Outer Diameter	80 mm
Width	52 mm
d_1	80 mm
D	160 mm
B_1	52 mm
d_3	120 mm
D_1	138.7 mm
B	30 mm
B_4	18 mm
$r_{1,2}$ - min.	2 mm
d_a - max.	112 mm
d_b - min.	95 mm
D_a - max.	149 mm
B_a - min.	8 mm
r_a - max.	2 mm
Basic dynamic load rating - C	57.2 kN
Basic static load rating - C_0	23.6 kN
Fatigue load limit - P_u	1.1 kN
Reference speed	8500 r/min
Limiting speed	5300 r/min
Calculation factor - k_r	0.04
Calculation factor - e	0.17



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Calculation factor - Y_0	4
Calculation factor - Y_1	3.7
Calculation factor - Y_2	5.7
d	80 mm
B_1	52 mm
d_3	120 mm
D_1	138.7 mm
B_4	18 mm
$r_{1,2}$ min.	2 mm
d_a max.	112 mm
d_b min.	95 mm
D_a max.	149 mm
B_a min.	8 mm
r_a max.	2 mm
Basic dynamic load rating C	57.2 kN
Basic static load rating C_0	23.6 kN
Fatigue load limit P_u	1.08 kN
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.17
Calculation factor Y_0	4
Calculation factor Y_1	3.7
Calculation factor Y_2	5.7
Mass bearing + adapter sleeve	3.5 kg