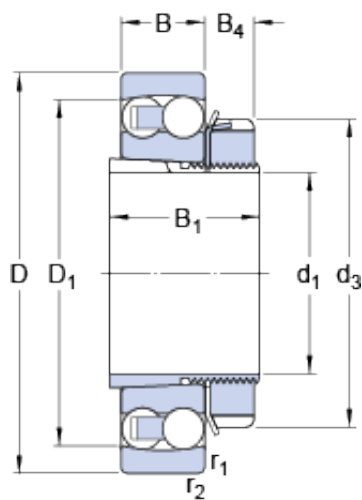




Bearing No. 1218 K + H 218

D	160 mm
d	80 mm
B	30 mm
Size (mm)	160x80x52
Width (mm)	52
d ₃	120 mm
B ₁	52 mm
d ₁	80 mm
B ₁	52 mm
d ₃	120 mm
D ₁	138.7 mm
B ₄	18 mm
B ₄	18 mm
Limiting speed	5300 r/min
Bearing number	1218 K + H 218
Reference speed	8500 r/min
r _a max.	2 mm
B _a min.	8 mm
D _a max.	149 mm
d _b min.	95 mm
d _a max.	112 mm
Bore Diameter (mm)	160
Outer Diameter (mm)	80
B _a - min.	8 mm
r _a - max.	2 mm
d _b - min.	95 mm
d _a - max.	112 mm
r _{1,2} min.	2 mm
Calculation factor e	0.17

D_a - max.	149 mm
D_1 ?	138.7 mm
Calculation factor - e	0.17
$r_{1,2}$ - min.	2 mm
Fatigue load limit - P_u	1.1 kN
Basic dynamic load rating C	57.2 kN
Mass bearing + adapter sleeve	3.5 kg
Basic dynamic load rating - C	57.2 kN
Calculation factor k_r	0.04
Calculation factor Y_2	5.7
Calculation factor Y_1	3.7
Calculation factor Y_0	4
Fatigue load limit P_u	1.08 kN
Calculation factor - Y_2	5.7
Calculation factor - Y_1	3.7
Calculation factor - k_r	0.04
Calculation factor - Y_0	4
Permissible angular misalignment ?	2.5 °
Basic static load rating C_0	23.6 kN
Basic static load rating - C_0	23.6 kN