



22219 EK + AHX 319 Bearing 2D drawings and 3D CAD models

SKF 22219 EK + AHX 319 tapered roller bearings

Bearing No. 22219 EK + AHX 319

Size	170x90x43 mm
Bore Diameter	170 mm
Outer Diameter	90 mm
Width	43 mm
d_1	90 mm
D	170 mm
B	43 mm
d_2	112 mm
D_1	150 mm
B_1	57 mm
b	8.3 mm
K	4.5 mm
$r_{1,2}$ - min.	2.1 mm
G	M 105x2
G_1	105 mm
d_a - min.	103 mm
D_a - max.	158 mm
r_a - max.	2 mm
Basic dynamic load rating - C	393 kN
Basic static load rating - C_0	450 kN
Fatigue load limit - P_u	45.5 kN
Reference speed	3600 r/min
Limiting speed	4800 r/min
Calculation factor - e	0.24



Calculation factor - Y_1	2.8
Calculation factor - Y_2	4.2
d_1	90 mm
d_2	112 mm
D_1	150 mm
B_1	57 mm
B_2	61 mm
$r_{1,2}$ min.	2.1 mm
G_1	10 mm
d_a min.	103 mm
D_a max.	158 mm
r_a max.	2 mm
Basic dynamic load rating C	393 kN
Basic static load rating C_0	450 kN
Fatigue load limit P_u	45.5 kN
Calculation factor e	0.24
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Mass bearing + sleeve	4.6 kg