



HM 231132/110 Bearing 2D drawings and 3D CAD models

139.7 mm x 236.538 mm x 56.72 mm SKF HM 231132/110 tapered roller bearings

Bearing No. HM 231132/110

Size	236.538x139.7x42 mm
Bore Diameter	139,7 mm
Outer Diameter	236,538 mm
Width	42 mm
d	139.7 mm
D	236.538 mm
T	42 mm
d ₁	187.33 mm
B	56.72 mm
C	44.45 mm
r _{1,2} - min.	3.5 mm
r _{3,4} - min.	3.3 mm
a	45 mm
d _a - max.	166 mm
d _b - min.	153 mm
D _a - min.	210 mm
D _a - max.	225 mm
D _b - min.	223 mm
C _a - min.	9 mm
C _b - min.	12.5 mm
r _a - max.	3.3 mm
r _b - max.	3.1 mm
Basic dynamic load rating - C	512 kN
Basic static load rating - C ₀	850 kN

Fatigue load limit - P_u	86.5 kN
Reference speed	2800 r/min
Limiting speed	2800 r/min
Calculation factor - e	0.31
Calculation factor - Y	1.9
Calculation factor - Y_0	1.1
Dimension series	HM 231100
d_1	187.2 mm
$r_{1,2}$ min.	3.5 mm
$r_{3,4}$ min.	3.3 mm
d_a max.	165 mm
d_b min.	155.5 mm
D_a min.	210 mm
D_a max.	222.5 mm
D_b min.	223 mm
C_a min.	9 mm
C_b min.	12.5 mm
r_a max.	3.5 mm
r_b max.	3.3 mm
Basic dynamic load rating C	629 kN
Basic static load rating C_0	850 kN
Fatigue load limit P_u	86.5 kN
Calculation factor e	0.31
Calculation factor Y	1.9
Calculation factor Y_0	1.1
Mass bearing	10.1 kg