



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	139,538 mm
Outer Diameter	139,7 mm
Width	42 mm
d	139.7 mm
D	236.538 mm
T	42 mm
d <sub>1</sub>	187.33 mm
B	56.72 mm
C	44.45 mm
r <sub>1,2</sub> - min.	3.5 mm
r <sub>3,4</sub> - min.	3.3 mm
a	45 mm
d <sub>a</sub> - max.	166 mm
d <sub>b</sub> - min.	153 mm
D <sub>a</sub> - min.	210 mm
D <sub>a</sub> - max.	225 mm
D <sub>b</sub> - min.	223 mm
C <sub>a</sub> - min.	9 mm
C <sub>b</sub> - min.	12.5 mm
r <sub>a</sub> - max.	3.3 mm
r <sub>b</sub> - max.	3.1 mm
Basic dynamic load rating - C	512 kN
Basic static load rating - C <sub>0</sub>	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