



231/710 CA/W33 Bearing 2D drawings and 3D CAD models

710 mm x 1150 mm x 345 mm SKF 231/710 CA/W33 spherical roller bearings

Bearing No. 231/710 CA/W33

Size	1150x710x345 mm
Bore Diameter	1150 mm
Outer Diameter	710 mm
Width	345 mm
d	710 mm
D	1150 mm
B	345 mm
d <sub>2</sub>	851 mm
D <sub>1</sub>	1017 mm
b	22.3 mm
K	12 mm
r <sub>1,2</sub> - min.	9.5 mm
d <sub>a</sub> - min.	750 mm
D <sub>a</sub> - max.	1110 mm
r <sub>a</sub> - max.	8 mm
Basic dynamic load rating - C	14732 kN
Basic static load rating - C <sub>0</sub>	26000 kN
Fatigue load limit - P <sub>u</sub>	1530 kN
Reference speed	240 r/min
Limiting speed	450 r/min
Calculation factor - e	0.28
Calculation factor - Y <sub>1</sub>	2.4
Calculation factor - Y <sub>2</sub>	3.6
Calculation factor - Y <sub>0</sub>	2.5



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$d_2$	851 mm
$D_1$	1017 mm
$r_{1,2}$ min.	9.5 mm
$d_a$ min.	750 mm
$D_a$ max.	1110 mm
$r_a$ max.	8 mm
Basic dynamic load rating C	14732 kN
Basic static load rating $C_0$	26000 kN
Fatigue load limit $P_u$	1530 kN
Calculation factor e	0.28
Calculation factor $Y_1$	2.4
Calculation factor $Y_2$	3.6
Calculation factor $Y_0$	2.5
Mass bearing	1450 kg