

**2320      SKF      100x215x73mm**  
**Calculation factor (Y0) 1.8**  
**Self aligning ball bearings**

Bearing number	2320
Size (mm)	100x215x73
Brand	SKF
Bore Diameter (mm)	100
Outer Diameter (mm)	215
Width (mm)	73
d	100 mm
D	215 mm
B	73 mm
C	73 mm
d2	135 mm
r1 min.	3 mm
r2 min.	3 mm
D1	186 mm
da min.	114 mm
Da max.	201 mm
ra max.	3 mm
Weight	12.5 Kg
Basic dynamic load rating (C)	190 kN
Basic static load rating (C0)	80 kN
Fatigue load limit (Pu)	3.25
Reference speed	5600 r/min
Limiting speed	4000 r/min
Calculation factor (e)	0.37

Calculation factor ( $k_r$ )	0.05
Calculation factor ( $Y_0$ )	1.8
Calculation factor ( $Y_1$ )	1.7
$d_1 \approx$	135.3 mm
$D_1 \approx$	183.3 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	114 mm
$D_a$ max.	201 mm
$r_a$ max.	3 mm
Basic dynamic load rating $C$	190 kN
Basic static load rating $C_0$	80 kN
Fatigue load limit $P_u$	3.25 kN
Permissible angular misalignment $\alpha$	3 °
Calculation factor $k_r$	0.05
Calculation factor $e$	0.37
Calculation factor $Y_0$	1.8
Calculation factor $Y_1$	1.7
Calculation factor $Y_2$	2.6
Mass bearing	12.5 kg