

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
$r_{1,2} \text{ min.}$	3 mm
$d_a \text{ min.}$	114 mm
$D_a \text{ max.}$	201 mm
$r_a \text{ max.}$	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 α	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