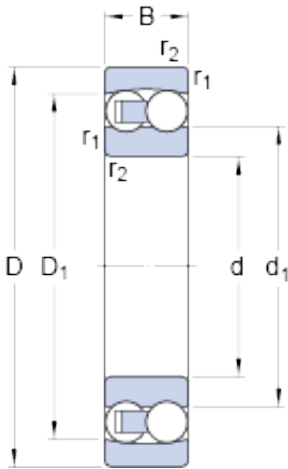




Bearing Rolamentos do Brasil Ltda.



2318 Bearing 2D drawings and 3D CAD models

90 mm x 190 mm x 64 mm SKF 2318 self aligning ball bearings

Bearing No. 2318

Size	190x90x64 mm
Bore Diameter	190 mm
Outer Diameter	90 mm
Width	64 mm
d	90 mm
D	190 mm
B	64 mm
d ₁	121 mm
D ₁	162.2 mm
r _{1,2} - min.	3 mm
d _a - min.	104 mm
D _a - max.	176 mm
r _a - max.	3 mm
Basic dynamic load rating - C	151 kN
Basic static load rating - C ₀	57 kN
Fatigue load limit - P _u	2.5 kN
Reference speed	6300 r/min
Limiting speed	4500 r/min
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



Bearing Rolamentos do Brasil Ltda.

d_1	121 mm
D_1	162.2 mm
$r_{1,2}$ min.	3 mm
d_a min.	104 mm
D_a max.	176 mm
r_a max.	3 mm
Basic dynamic load rating C	151 kN
Basic static load rating C_0	57 kN
Fatigue load limit P_u	2.5 kN
Permissible angular misalignment	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	8.45 kg