



Bearing No. 2318

D	190 mm
d	90 mm
B	64 mm
Size (mm)	190x90x64
Width (mm)	64
Mass bearing	8.45 kg
D ₁	162.2 mm
d ₁	121 mm
Limiting speed	4500 r/min
Bearing number	2318
Reference speed	6300 r/min
D _a max.	176 mm
r _a max.	3 mm
d _a min.	104 mm
Bore Diameter (mm)	190
Outer Diameter (mm)	90
D _a - max.	176 mm
r _a - max.	3 mm
Calculation factor e	0.37
r _{1,2} min.	3 mm
d _a - min.	104 mm
D ₁ ?	162.2 mm
d ₁ ?	121 mm
r _{1,2} - min.	3 mm
Calculation factor - e	0.37
Basic dynamic load rating C	151 kN
Basic dynamic load rating - C	151 kN
Fatigue load limit P _u	2.5 kN

Calculation factor k_r	0.05
Calculation factor Y_0	1.8
Calculation factor Y_1	1.7
Calculation factor Y_2	2.6
Calculation factor - Y_2	2.6
Calculation factor - Y_1	1.7
Calculation factor - Y_0	1.8
Calculation factor - k_r	0.05
Fatigue load limit - P_u	2.5 kN
Permissible angular misalignment ?	3 °
Basic static load rating C_0	57 kN
Basic static load rating - C_0	57 kN