



90 mm x 190 mm x 43 mm FAG 31318 A/C Compressor clutches Bearing

Bearing No. 31318

Size	90x190x46.5 mm
Bore Diameter	90 mm
Outer Diameter	190 mm
Width	46,5 mm
d	90 mm
D	190 mm
T	46,5 mm
a	58 mm
B	43 mm
C	30 mm
C _{a min}	6 mm
C _{b min}	16,5 mm
D _{a max}	176 mm
D _{a min}	151 mm
D _{b min}	179 mm
d ₁	135,9 mm
d _{a max}	109 mm
d _{b min}	104 mm
r _{1,2 min}	4 mm
r _{3,4 min}	3 mm
r _{a max}	4 mm
r _{b max}	3 mm
m	5,5 kg / Weight
C	275000 N

31318 Bearing 2D drawings and 3D CAD models

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r	
C_{0r}	325000 N / Static load rating (radial)
e	0,83
Y	0,73
Y_0	0,4
C_{ur}	35500 N / Fatigue limit load, radial
n_G	3700 1/min / Limiting speed
n_B	2850 1/min / Reference speed