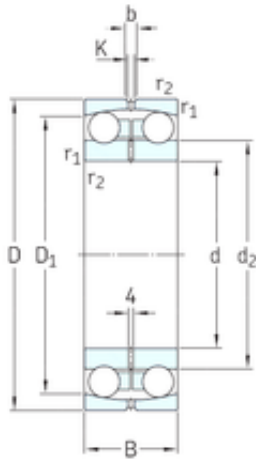




BEARING ITALIA S.P.A

180 mm x 280 mm x 74 mm skf 13036 Self-aligning ball bearings



Bearing No. 13036

Size	180x280x74 mm
Bore Diameter	180 mm
Outer Diameter	280 mm
Width	74 mm
d	180 mm
D	280 mm
B	74 mm
C	74 mm
b	13,9 mm
d2	212 mm
r1 min.	2,1 mm
r2 min.	2,1 mm
D1	249 mm
K	7,5 mm
da min.	191 mm
Da max.	269 mm
ra max.	2 mm
Weight	16 Kg
Basic dynamic load rating (C)	95,6 kN
Basic static load rating (C0)	40 kN
Fatigue load limit (Pu)	1,34
Reference speed	4500 r/min
Limiting speed	2800 r/min
Calculation factor (e)	0,25
Calculation factor (kr)	0,02

13036 Bearing 2D drawings and 3D CAD models



BEARING ITALIA S.P.A

Calculation factor (Y ₀)	2,5
Calculation factor (Y ₁)	2,5
d ₁	212.2 mm
D ₁	249.1 mm
r _{1,2} min.	2.1 mm
d _a min.	191 mm
D _a max.	269 mm
r _a max.	2 mm
Basic dynamic load rating C	95.6 kN
Basic static load rating C ₀	40 kN
Fatigue load limit P _u	1.34 kN
Permissible angular misalignment	3 °
Calculation factor k _r	0.02
Calculation factor e	0.25
Calculation factor Y ₀	2.5
Calculation factor Y ₁	2.5
Calculation factor Y ₂	3.9
Mass bearing	16 kg