



## Technical information

### Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	310 mm	Outside diameter
B	52 mm	Width
C <sub>r</sub>	700.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	780.000 N	Basic static load rating, radial
C <sub>ur</sub>	93.000 N	Fatigue load limit, radial
n <sub>G</sub>	3.850 1/min	Limiting speed
n <sub>gr</sub>	1.970 1/min	Reference speed
≈m	17,58 kg	Weight

### Mounting dimensions

d <sub>a min</sub>	187 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	204 mm	Maximum diameter of shaft shoulder
d <sub>b min</sub>	211 mm	Minimum shaft shoulder
D <sub>a max</sub>	293 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	3 mm	Maximum recess radius
r <sub>a1 max</sub>	3 mm	Maximum recess radius

### Dimensions

r <sub>min</sub>	4 mm	Minimum chamfer dimension
r <sub>1 min</sub>	4 mm	Minimum chamfer dimension
s	4,3 mm	Axial displacement
E	279 mm	Raceway diameter outer ring
F	207 mm	Raceway diameter inner ring
D <sub>1 min</sub>	268,5 mm	Minimum rib diameter outer ring

### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	150 °C	Operating temperature max.



