

# 2317 SKF 180x85x60mm Fatigue load limit – Pu 2.3 kN Self aligning ball bearings

Bearing number	2317
Size (mm)	180x85x60
Brand	SKF
Bore Diameter (mm)	180
Outer Diameter (mm)	85
Width (mm)	60
d	85 mm
D	180 mm
B	60 mm
d <sub>1</sub>	115 mm
D <sub>1</sub>	153.5 mm
r <sub>1,2</sub> – min.	3 mm
d <sub>a</sub> – min.	99 mm
D <sub>a</sub> – max.	166 mm
r <sub>a</sub> – max.	3 mm
Basic dynamic load rating – C	140 kN
Basic static load rating – C <sub>0</sub>	51 kN
Fatigue load limit – P <sub>u</sub>	2.3 kN
Reference speed	6700 r/min
Limiting speed	4800 r/min
Calculation factor – k <sub>r</sub>	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