



Bearing No. 31316

D	170 mm
d	80 mm
T	42,5 mm
a	53 mm
B	39 mm
C	27 mm
Y	0,73
e	0,83
m	4,16 kg / Weight
Size (mm)	80x170x42.5
Width (mm)	42,5
n_B	3100 1/min / Reference speed
n_G	4150 1/min / Limiting speed
Y_0	0,4
C_r	227000 N
d_1	122,4 mm
C_{0r}	270000 N / Static load rating (radial)
C_{ur}	30500 N / Fatigue limit load, radial
Bearing number	31316
$D_{b \text{ min}}$	159 mm
$d_{a \text{ max}}$	97 mm
$d_{b \text{ min}}$	92 mm
$r_{a \text{ max}}$	3 mm
$r_{b \text{ max}}$	2,5 mm
$D_{a \text{ min}}$	134 mm
$D_{a \text{ max}}$	158 mm

$C_{b \text{ min}}$	15,5 mm
$C_{a \text{ min}}$	6 mm
Bore Diameter (mm)	80
Outer Diameter (mm)	170
$r_{1, 2 \text{ min}}$	3 mm
$r_{3, 4 \text{ min}}$	2,5 mm