



Bearing No. 31309-A

D	100 mm
d	45 mm
T	27,25 mm
a	32 mm
B	25 mm
C	18 mm
Y	0,73
e	0,83
m	0,998 kg / Weight
Size (mm)	45x100x27.25
Width (mm)	27,25
n_B	4650 1/min / Reference speed
n_G	7100 1/min / Limiting speed
Y_0	0,4
C_r	96000 N
d_1	75,8 mm
C_{0r}	108000 N / Static load rating (radial)
C_{ur}	12700 N / Fatigue limit load, radial
Bearing number	31309-A
$D_{b \text{ min}}$	95 mm
$d_{a \text{ max}}$	56 mm
$d_{b \text{ min}}$	54 mm
$r_{a \text{ max}}$	2 mm
$r_{b \text{ max}}$	1,5 mm
$D_{a \text{ min}}$	79 mm
$D_{a \text{ max}}$	91 mm

$C_{b \text{ min}}$	9 mm
$C_{a \text{ min}}$	4 mm
Bore Diameter (mm)	45
Outer Diameter (mm)	100
$r_{1, 2 \text{ min}}$	2 mm
$r_{3, 4 \text{ min}}$	1,5 mm