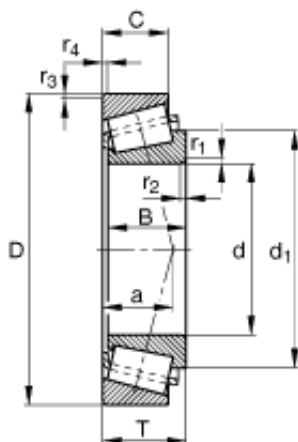




# EDB BEARING CORP.



## 70 mm x 150 mm x 35 mm N 19/710 Cylindrical Roller Bearing 710x950x106mm

Bearing No. 30314-A

30314-A Bearing 2D drawings and 3D CAD models

Size	70x150x38 mm
Bore Diameter	70 mm
Outer Diameter	150 mm
Width	38 mm
d	70 mm
D	150 mm
T	38 mm
a	30 mm
B	35 mm
C	30 mm
$C_{a \text{ min}}$	5 mm
$C_{b \text{ min}}$	8 mm
$D_{a \text{ max}}$	138 mm
$D_{a \text{ min}}$	130 mm
$D_{b \text{ min}}$	140 mm
$d_1$	106,6 mm
$d_{a \text{ max}}$	89 mm
$d_{b \text{ min}}$	82 mm
$r_{1,2 \text{ min}}$	3 mm
$r_{3,4 \text{ min}}$	2,5 mm
$r_{a \text{ max}}$	3 mm
$r_{b \text{ max}}$	2,5 mm
m	3,02 kg / Weight
C	223000 N



## EDB BEARING CORP.

r	
$C_{0r}$	260000 N / Static load rating (radial)
e	0,35
Y	1,74
$Y_0$	0,96
$C_{ur}$	30500 N / Fatigue limit load, radial
$n_G$	4900 1/min / Limiting speed
$n_B$	3750 1/min / Reference speed