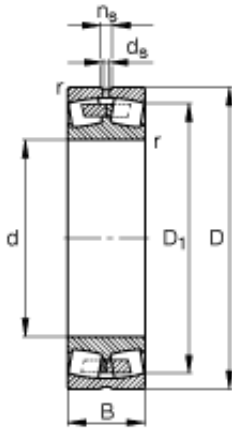




Tolamentos do Brasil Ltda



190 mm x 320 mm x 104 mm FAG 23138-E1A-M spherical roller bearings

Bearing No. 23138-E1A-M

23138-E1A-M Bearing 2D drawings and 3D CAD models

Size	190x320x104 mm
Bore Diameter	190 mm
Outer Diameter	320 mm
Width	104 mm
d	190 mm
D	320 mm
B	104 mm
D_1	281,6 mm
$D_{a \max}$	306 mm
$d_{a \min}$	204 mm
d_s	8 mm
n_s	15 mm
$r_{a \max}$	2,5 mm
r_{\min}	3 mm
m	33,9 kg / Weight
C_r	1610000 N / Dynamic load rating (radial)
e	0,3
Y_1	2,28
Y_2	3,39
C_{0r}	2220000 N / Static load rating (radial)
Y_0	2,23
n_G	2070 1/min / Limiting speed



Tolamentos do Brasil Ltda

n_B	1280 1/min / Reference speed
C_{ur}	218000 N