



BEARING OF AMERICA CORP.



100 mm x 165 mm x 52 mm FAG 23120-E1A-M Spherical Roller Bearings

Bearing No. 23120-E1A-M

23120-E1A-M Bearing 2D drawings and 3D CAD models

Size	100x165x52 mm
Bore Diameter	100 mm
Outer Diameter	165 mm
Width	52 mm
d	100 mm
D	165 mm
B	52 mm
D_1	146,3 mm
$D_{a \max}$	154 mm
$d_{a \min}$	111 mm
d_s	3,2 mm
n_s	6,5 mm
$r_{a \max}$	2 mm
r_{\min}	2 mm
m	4,4 kg / Weight
C_r	450000 N / Dynamic load rating (radial)
e	0,28
Y_1	2,37
Y_2	3,53
C_{0r}	570000 N / Static load rating (radial)
Y_0	2,32
n_G	4000 1/min / Limiting speed



BEARING OF AMERICA CORP.

n_B	2800 1/min / Reference speed
C_{ur}	52000 N