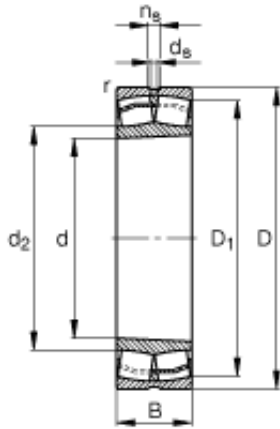




## BEARING OF AMERICA CORP.



### 100 mm x 165 mm x 52 mm FAG 23120-E1-K-TVPB Spherical Roller Bearings

Bearing No. 23120-E1-K-TVPB

23120-E1-K-TVPB 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 <sub>1</sub>	146,3 mm
D <sub>a max</sub>	154 mm
d <sub>2</sub>	113,9 mm
d <sub>a min</sub>	111 mm
d <sub>s</sub>	3,2 mm
n <sub>s</sub>	6,5 mm
r <sub>a max</sub>	2 mm
r <sub>min</sub>	2 mm
m	4,1 kg / Weight
C <sub>r</sub>	450000 N / Dynamic load rating (radial)
e	0,28
Y <sub>1</sub>	2,37
Y <sub>2</sub>	3,53
C <sub>0r</sub>	570000 N / Static load rating (radial)
Y <sub>0</sub>	2,32



## BEARING OF AMERICA CORP.

$n_G$	4000 1/min / Limiting speed
$n_B$	2800 1/min
$C_{ur}$	52000 N / Fatigue limit load, radial