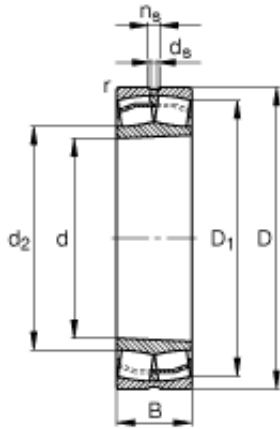




# AMERICAN BEARING MFG.CORP.

## 120 mm x 180 mm x 46 mm FAG 23024-E1-K-TVPB Spherical Roller Bearings

Bearing No. 23024-E1-K-TVPB



23024-E1-K-TVPB Bearing 2D drawings and 3D CAD models

Size	120x180x46 mm
Bore Diameter	120 mm
Outer Diameter	180 mm
Width	46 mm
d	120 mm
D	180 mm
B	46 mm
D <sub>1</sub>	164,7 mm
D <sub>a max</sub>	171,2 mm
d <sub>2</sub>	133 mm
d <sub>a min</sub>	128,8 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	3,7 kg / Weight
C <sub>r</sub>	430000 N / Dynamic load rating (radial)
e	0,22
Y <sub>1</sub>	3,04
Y <sub>2</sub>	4,53
C <sub>0r</sub>	580000 N / Static load rating (radial)
Y <sub>0</sub>	2,97



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$n_G$	3950 1/min / Limiting speed
$n_B$	2850 1/min
$C_{ur}$	58000 N / Fatigue limit load, radial