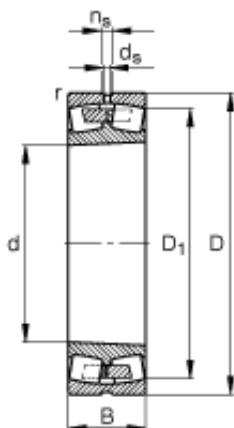




BEARING OF AMERICA CORP.



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

Bearing No. 23120-E1A-K-M

23120-E1A-K-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 | 4,2 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 |
| | |



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