



# Shandong Chik Bearing Co., Ltd.

440 mm x 650 mm x 157 mm 440 mm x 650 mm  
x 157 mm FAG 23088-K-MB + AHX3088G-H  
spherical roller bearings

Bearing No. 23088-K-MB + AHX3088G-H

23088-K-MB + AHX3088G-H Bearing 2D drawings and  
3D CAD models

|   |  |
|---|--|
| Size  | 420x650x157 mm                                   |
| Bore Diameter                                       | 420 mm   |
| Outer Diameter                                      | 650 mm   |
| Width   | 157 mm   |
| $d_{1H}$  | 420 mm   |
| D   | 650 mm   |
| B   | 157 mm   |
| a   | 11 mm  |
| b   | 35 mm  |
| $D_1$   | 586,8 mm   |
| $D_{a\ max}$  | 627 mm   |
| d   | 440 mm   |
| $d_{2G}$  | Tr460X5  |
| $d_{a\ min}$  | 463 mm   |
| $d_s$   | 12,5 mm  |
| l   | 194 mm   |
| $n_s$   | 23,5 mm  |
| $r_{a\ max}$  | 5 mm   |
| $r_{min}$   | 6 mm   |
| - AHX3088G-H /<br>Designation, withdrawal<br>sleeve | AHX3088GH /<br>Designation, withdrawal<br>sleeve |
| m   | 182 kg / Weight                                  |
| $m_1$   | 30 kg / Weight, withdrawal                       |



## Shandong Chik Bearing Co., Ltd.

|          | sleeve                                   |
|----------|--|
| $C_r$    | 3400000 N / Dynamic load rating (radial) |
| $e$      | 0,24                                     |
| $Y_1$    | 2,84                                     |
| $Y_2$    | 4,23                                     |
| $C_{0r}$ | 7100000 N / Static load rating (radial)  |
| $Y_0$    | 2,78                                     |
| $n_G$    | 1010 1/min / Limiting speed              |
| $n_B$    | 610 1/min / Reference speed              |
| $C_{ur}$ | 405000 N / Fatigue limit load, radial    |