

**FAG****NNU4192-M**

Cylindrical roller bearing



## Technical information



## Your current product variant

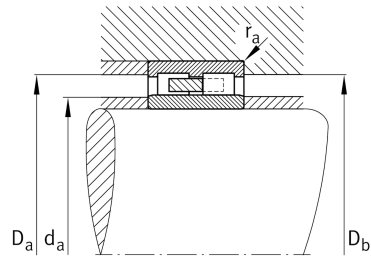
|                           |              |                           |
|---------------------------|--------------|---------------------------|
| Cage                      | M            | Brass Cage                |
| Tolerance class           | PN           | Normal (ISO 492:2014)     |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Number of rows            | 2            | Double-row design         |

## Main Dimensions &amp; Performance Data

|                 |              |                                       |
|-----------------|--------------|---------------------------------------|
| d               | 460 mm       | Bore diameter                         |
| D               | 760 mm       | Outside diameter                      |
| B               | 300 mm       | Width                                 |
| $C_r$           | 6.400.000 N  | Basic dynamic load rating, radial     |
| $C_{0r}$        | 13.300.000 N | Basic static load rating, radial      |
| $C_{ur}$        | 1.170.000 N  | Fatigue load limit, radial            |
| $n_G$<br>Grease | 1.110 1/min  | Limiting speed for grease lubrication |
| $n_G$ Oil       | 1.310 1/min  | Limiting speed for oil lubrication    |
| $\approx m$     | 557,53 kg    | Weight                                |

## Mounting dimensions

|               |        |                              |
|---------------|--------|------------------------------|
| $d_a$         | 492 mm | Diameter shaft shoulder      |
| $D_a$         | 728 mm | Diameter of housing shoulder |
| $r_{a1 \max}$ | 6 mm   | Maximum recess radius        |





### Dimensions

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|                    |        |                              |
|--------------------|--------|------------------------------|
| r <sub>1 min</sub> | 7,5 mm | Minimum chamfer dimension    |
| F                  | 537 mm | Raceway diameter inner ring  |
| s                  | 8,7 mm | Axial displacement           |
| D <sub>1</sub>     | 663 mm | Shoulder diameter outer ring |

### Temperature range

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|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 150 °C | Operating temperature max. |

### Characteristics

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Large bearing