



Axial/radial bearings YRT395 (Series YRT)

double direction, for screw mounting

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (<http://www.ina.de/content.ina.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

| | | |
|----------------|-----------|--|
| d | 395 mm | Sizes d > 1030 mm available by agreement |
| D | 525 mm | |
| H | 65 mm | |
| | 46 | Number of fixing holes in inner ring Attention! For fixing holes in the adjacent construction. Note the pitch of the bearing holes. |
| | 45 | Number of fixing holes in outer ring Attention! For fixing holes in the adjacent construction. Note the pitch of the bearing holes. |
| | 2 | Number of retaining screws |
| | 3 | Number of extraction threads |
| 1) | | Retaining screws |
| a | 8,2 mm | Fixing holes in inner ring |
| C | 20 mm | |
| d ₁ | 9,3 mm | Fixing holes in inner ring |
| D ₁ | 486 mm | |
| max | | |
| d ₂ | 15 mm | Fixing holes in inner ring |
| d ₃ | 9,3 mm | Fixing holes in outer ring |
| G | M12 | Extraction thread |
| H ₁ | 42,5 mm | |
| H ₂ | 22,5 mm | |
| J | 415 mm | Fixing holes in inner ring |
| J ₁ | 505 mm | Fixing holes in outer ring |
| t | 48 X 7,5° | Pitch t |

| Including retaining screws and extraction threads Quantity X t | | |
|---|----------------|---|
| m | 33 kg | Mass |
| MA | 34 Nm | Screw tightening torque Tightening torque for screws to DIN 912, grade 10.9. |
| Ca | 202000 N | Basic dynamic load rating, axial |
| C0a | 2010000 N | Basic static load rating, axial |
| Cr | 133000 N | Basic dynamic load rating, radial |
| C0r | 435000 N | Basic static load rating, radial |
| nG | 90 1/min | Limiting speed For high operating durations or continuous operation, please contact us. |
| MR | 55 Nm | Bearing frictional torque |
| CaL | 4900 N/μm | Axial rigidity of bearing position Rigidity values taking account of the rolling element set, rigidity of the bearing rings and the screw connections. |
| CrL | 6000 N/μm | Radial rigidity of bearing position Rigidity values taking account of the rolling element set, rigidity of the bearing rings and the screw connections. |
| CkL | 130000 Nm/mrad | Tilting rigidity of the bearing position Rigidity values taking account of the rolling element set, rigidity of the bearing rings and the screw connections. |
| CaL | 30300 N/μm | Axial rigidity of rolling element set |
| CrL | 11300 N/μm | Radial rigidity of rolling element set |
| CkL | 684000 Nm/mrad | Tilting rigidity of rolling element set |

