

## GAMET Super Precision Tapered Roller Bearings

### INTEGRAL SPRING CARRIER CUP (P TYPE)-183152x



|                          |                |
|--------------------------|----------------|
| Bearing Number           |                |
| Cone(Innenring)          | <b>183152x</b> |
| Cup(Outerring)           | 183222xP       |
| Dimensions               |                |
| d                        | 152.400        |
| D                        | 222.250        |
| t                        | 93.10          |
| C                        | 81.20          |
| B                        | 49.00          |
| F                        | 11.90          |
| da                       | 174            |
| L                        | 12             |
| M                        | 184.00         |
| Load per string          |                |
| daN                      | 45.83          |
| Max permissible pre load |                |
| daN                      | 1100           |
| Holes for springs        |                |
| Ø                        | 14.25          |
| depth (tiefe)            | 31.65          |
| r                        | 1.00           |
| R                        | 3.50           |
| S                        | 44.10          |
| Static Stiffness (daN/μ) | 165            |
| Basic Rating (daN)       |                |
| Rad.                     | 5605           |
| Axi.                     | 3575           |
| Speed(rpm)               |                |
| max                      | 3000           |
| Weight                   |                |
| kg                       | 9.080          |

### INTEGRAL SPRING CARRIER CUP (P TYPE)

This single row bearing has an extended outer ring, housing a number of springs. It is mounted in conjunction with either a single or double row bearing.

As the outer race is free to slide in the housing, the spring force ensures that a constant bearing system preload is maintained despite thermal expansion due to varying temperature conditions.