

## GAMET Super Precision Tapered Roller Bearings

### INTEGRAL SPRING CARRIER CUP (P TYPE)-131093x



|                          |                |
|--------------------------|----------------|
| Bearing Number           |                |
| Cone(Innenring)          | <b>131093x</b> |
| Cup(Outerring)           | 131150P        |
| Dimensions               |                |
| d                        | 93.663         |
| D                        | 150.000        |
| t                        | 68.50          |
| C                        | 62.00          |
| B                        | 33.75          |
| F                        | 6.50           |
| da                       | 110            |
| L                        | 8              |
| M                        | 120.00         |
| Load per string          |                |
| daN                      | 21.04          |
| Max permissible pre load |                |
| daN                      | 505            |
| Holes for springs        |                |
| Ø                        | 12.75          |
| depth (tiefe)            | 23.15          |
| r                        | 0.80           |
| R                        | 2.50           |
| S                        | 34.75          |
| Static Stiffness (daN/μ) | 103            |
| Basic Rating (daN)       |                |
| Rad.                     | 2600           |
| Axi.                     | 1630           |
| Speed(rpm)               |                |
| max                      | 4400           |
| Weight                   |                |
| kg                       | 3.800          |

### 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.