

## GAMET Super Precision Tapered Roller Bearings

### INTEGRAL SPRING CARRIER CUP (P TYPE)-131097



|                          |               |
|--------------------------|---------------|
| Bearing Number           |               |
| Cone(Innenring)          | <b>131097</b> |
| Cup(Outerring)           | 131150P       |
| Dimensions               |               |
| d                        | 97.000        |
| 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.