

## GAMET Super Precision Tapered Roller Bearings

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



|                          |          |
|--------------------------|----------|
| Bearing Number           |          |
| Cone(Innenring)          | 110053x  |
| Cup(Outerring)           | 110098xP |
| Dimensions               |          |
| d                        | 53.975   |
| D                        | 98.425   |
| t                        | 59.50    |
| C                        | 54.00    |
| B                        | 29.50    |
| F                        | 5.50     |
| da                       | 70       |
| L                        | 7        |
| M                        | 76.00    |
| Load per string          |          |
| daN                      | 12.92    |
| Max permissible pre load |          |
| daN                      | 310      |
| Holes for springs        |          |
| Ø                        | 8.50     |
| depth (tiefe)            | 15.85    |
| r                        | 0.80     |
| R                        | 2.00     |
| S                        | 30.00    |
| Static Stiffness (daN/μ) | 68       |
| Basic Rating (daN)       |          |
| Rad.                     | 1570     |
| Axi.                     | 990      |
| Speed(rpm)               |          |
| max                      | 6900     |
| Weight                   |          |
| kg                       | 1.630    |

### 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.