

## GAMET Super Precision Tapered Roller Bearings

### INTEGRAL SPRING CARRIER CUP (P TYPE)-160098x



|                          |                |
|--------------------------|----------------|
| Bearing Number           |                |
| Cone(Innenring)          | <b>160098x</b> |
| Cup(Outering)            | 160160P        |
| Dimensions               |                |
| d                        | 98.425         |
| D                        | 160.000        |
| t                        | 83.90          |
| C                        | 78.50          |
| B                        | 42.00          |
| F                        | 8.10           |
| da                       | 114            |
| L                        | <b>9</b>       |
| M                        | 123.00         |
| Load per string          |                |
| daN                      | 22.92          |
| Max permissible pre load |                |
| daN                      | 550            |
| Holes for springs        |                |
| Ø                        | 10.00          |
| depth (tiefe)            | 23.85          |
| r                        | 0.80           |
| R                        | 2.50           |
| S                        | 41.90          |
| Static Stiffness (daN/μ) | 115            |
| Basic Rating (daN)       |                |
| Rad.                     | 3700           |
| Axi.                     | 1785           |
| Speed(rpm)               |                |
| max                      | 4300           |
| Weight                   |                |
| kg                       | 4.300          |

### 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.