

## GAMET Super Precision Tapered Roller Bearings

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



|                          |         |
|--------------------------|---------|
| Bearing Number           |         |
| Cone(Innenring)          | 101041x |
| Cup(Outerring)           | 101080P |
| Dimensions               |         |
| d                        | 41.275  |
| D                        | 80.000  |
| t                        | 51.25   |
| C                        | 45.50   |
| B                        | 26.00   |
| F                        | 5.75    |
| da                       | 52      |
| L                        | 5       |
| M                        | 59.00   |
| Load per string          |         |
| daN                      | 8.12    |
| Max permissible pre load |         |
| daN                      | 195     |
| Holes for springs        |         |
| Ø                        | 6.75    |
| depth (tiefe)            | 17.45   |
| r                        | 0.80    |
| R                        | 2.00    |
| S                        | 25.25   |
| Static Stiffness (daN/μ) | 51      |
| Basic Rating (daN)       |         |
| Rad.                     | 1110    |
| Axi.                     | 630     |
| Speed(rpm)               |         |
| max                      | 8800    |
| Weight                   |         |
| kg                       | 0.920   |

### 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.