

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-210085



| | |
|--------------------------|---------------|
| Bearing Number | |
| Cone(Innenring) | 210085 |
| Cup(Outering) | 210170P |
| Dimensions | |
| d | 85.000 |
| D | 170.000 |
| t | 97.50 |
| C | 89.00 |
| B | 50.50 |
| F | 8.50 |
| da | 114 |
| L | 8 |
| M | 130.00 |
| Load per string | |
| daN | 33.75 |
| Max permissible pre load | |
| daN | 810 |
| Holes for springs | |
| Ø | 12.00 |
| depth (tiefe) | 29.20 |
| r | 1.00 |
| R | 3.50 |
| S | 47.00 |
| Static Stiffness (daN/μ) | 123 |
| Basic Rating (daN) | |
| Rad. | 5460 |
| Axi. | 2630 |
| Speed(rpm) | |
| max | 4200 |
| Weight | |
| kg | 7.340 |

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.