

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-110055



| | |
|--------------------------|---------------|
| Bearing Number | |
| Cone(Innenring) | 110055 |
| Cup(Outerring) | 110098xP |
| Dimensions | |
| d | 55.000 |
| 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.