GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-

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|---|---|
| Bearing Number | |
| Cone(Innenring) | 181111x |
| Cup(Outering) | 181180xP |
| Dimensions | |
| d | 111.125 |
| D | 180.975 |
| t | 95.30 |
| C | 82.60 |
| B | 50.00 |
| F | 12.70 |
| da | 136 |
| L | 10 |
| M | 146.00 |
| Load per string | |
| daN | 32.08 |
| Max permissible pre load | |
| daN | 770 |
| Holes for springs | |
| Ø | 12.00 |
| depth (tiefe) | 29.70 |
| r | 1.00 |
| R | 3.50 |
| S | 45.30 |
| Static Stiffness (daN/µ) | 133 |
| Basic Rating (daN) | |
| Rad. | 4810 |
| Axi. | 2495 |
| Speed(rpm) | |
| max | 3600 |
| Weight | |
| kg | 7.030 |

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.