GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-187185



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|---|---|
| Bearing Number | |
| Cone(Innenring) | **187185** |
| Cup(Outering) | 187258P |
| Dimensions | |
| d | 185.000 |
| D | 258.000 |
| t | 100.00 |
| C | 90.00 |
| B | 50.00 |
| F | 10.00 |
| da | 210 |
| L | 10 |
| M | 215.00 |
| Load per string | |
| daN | 46.25 |
| Max permissible pre load | |
| daN | 1110 |
| Holes for springs | |
| Ø | 14.25 |
| depth (tiefe) | 31.55 |
| r | 1.50 |
| R | 3.00 |
| S | 50.00 |
| Static Stiffness (daN/µ) | 197 |
| Basic Rating (daN) | |
| Rad. | 6300 |
| Axi. | 4760 |
| Speed(rpm) | |
| max | 2500 |
| Weight | |
| kg | 12.000 |

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.