

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-



| | |
|--------------------------|---------|
| Bearing Number | |
| Cone(Innenring) | 283210 |
| Cup(Outering) | 283310P |
| Dimensions | |
| d | 210.000 |
| D | 310.000 |
| t | 138.54 |
| C | 121.08 |
| B | 72.00 |
| F | 17.46 |
| da | 240 |
| L | 12 |
| M | 250.00 |
| Load per string | |
| daN | 88.85 |
| Max permissible pre load | |
| daN | 2132 |
| Holes for springs | |
| Ø | 24.00 |
| depth (tiefe) | 42.50 |
| r | 3.00 |
| R | 4.40 |
| S | 66.54 |
| Static Stiffness (daN/µ) | 240 |
| Basic Rating (daN) | |
| Rad. | 12875 |
| Axi. | 7715 |
| Speed(rpm) | |
| max | 2100 |
| Weight | |
| kg | 25.00 |

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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.