

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-



Bearing Number	
Cone(Innenring)	184120
Cup(Outering)	184199P
Dimensions	
d	120.000
D	199.000
t	95.30
C	82.60
B	5.00
F	12.70
da	142
L	10
M	153.50
Load per string	
daN	34.58
Max permissible pre load	
daN	830
Holes for springs	
Ø	12.00
depth (tiefe)	29.00
r	1.00
R	3.50
S	45.30
Static Stiffness (daN/µ)	140
Basic Rating (daN)	
Rad.	4955
Axi.	2695
Speed(rpm)	
max	3500
Weight	
kg	7.450

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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.