GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-181118



Bearing Number	
Cone(Innenring)	**181118**
Cup(Outering)	181180xP
Dimensions	
d	118.000
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	6.570

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.