GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-

Bearing Number	
Cone(Innenring)	180101x
Cup(Outering)	180190P
Dimensions	
d	101.600
D	190.000
t	92.00
C	84.00
B	46.00
F	8.00
da	125
L	10
M	142.00
Load per string	
daN	28.75
Max permissible pre load	
daN	690
Holes for springs	
Ø	12.00
depth (tiefe)	30.60
r	1.00
R	2.50
S	46.00
Static Stiffness (daN/µ)	127
Basic Rating (daN)	
Rad.	4645
Axi.	2240
Speed(rpm)	
max	3900
Weight	
kg	9.560

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.