GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-80030

Bearing Number	
Cone(Innenring)	**80030**
Cup(Outering)	80068P
Dimensions	
d	30.000
D	68.000
t	47.24
C	42.48
B	23.50
F	4.76
da	44
L	5
M	49.50
Load per string	
daN	5.17
Max permissible pre load	
daN	124
Holes for springs	
Ø	6.25
depth (tiefe)	16.65
r	0.50
R	1.50
S	23.74
Static Stiffness (daN/µ)	42
Basic Rating (daN)	
Rad.	720
Axi.	405
Speed(rpm)	
max	10400
Weight	
kg	0.630

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.