GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-100031x

Bearing Number	
Cone(Innenring)	**100031x**
Cup(Outering)	100076xP
Dimensions	
d	31.750
D	76.200
t	51.75
C	46.50
B	26.00
F	5.25
da	45
L	5
M	49.50
Load per string	
daN	7.08
Max permissible pre load	
daN	170
Holes for springs	
Ø	6.75
depth (tiefe)	18.25
r	0.80
R	2.00
S	25.75
Static Stiffness (daN/µ)	47
Basic Rating (daN)	
Rad.	1055
Axi.	545
Speed(rpm)	
max	9600
Weight	
kg	0.750

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.