

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-



Bearing Number	
Cone(Innenring)	110050x
Cup(Outerring)	110100P
Dimensions	
d	50.800
D	100.000
t	59.50
C	54.00
B	29.50
F	5.50
da	70
L	7
M	76.00
Load per string	
daN	12.92
Max permissible pre load	
daN	310
Holes for springs	
Ø	8.50
depth (tiefe)	15.85
r	0.80
R	2.00
S	30.00
Static Stiffness (daN/μ)	68
Basic Rating (daN)	
Rad.	1570
Axi.	990
Speed(rpm)	
max	6900
Weight	
kg	1.630

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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.