

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-



Bearing Number	
Cone(Innenring)	160090
Cup(Outerring)	160160P
Dimensions	
d	90.000
D	160.000
t	83.90
C	78.50
B	42.00
F	8.10
da	114
L	9
M	123.00
Load per string	
daN	22.92
Max permissible pre load	
daN	550
Holes for springs	
Ø	10.00
depth (tiefe)	23.85
r	0.80
R	2.50
S	41.90
Static Stiffness (daN/μ)	115
Basic Rating (daN)	
Rad.	3700
Axi.	1785
Speed(rpm)	
max	4300
Weight	
kg	4.300

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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.