

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-



Bearing Number	
Cone(Innenring)	131090
Cup(Outerring)	131158xP
Dimensions	
d	90.000
D	158.750
t	68.50
C	62.00
B	33.75
F	6.50
da	110
L	8
M	120.00
Load per string	
daN	21.04
Max permissible pre load	
daN	505
Holes for springs	
Ø	12.75
depth (tiefe)	23.15
r	0.80
R	2.50
S	34.75
Static Stiffness (daN/μ)	103
Basic Rating (daN)	
Rad.	2600
Axi.	1630
Speed(rpm)	
max	4400
Weight	
kg	3.800

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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.