

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-



Bearing Number	
Cone(Innenring)	242190x
Cup(Outering)	242282xP
Dimensions	
d	190.500
D	282.575
t	105.71
C	91.42
B	54.00
F	14.29
da	217
L	12
M	235.00
Load per string	
daN	57.29
Max permissible pre load	
daN	1375
Holes for springs	
Ø	14.25
depth (tiefe)	34.35
r	1.50
R	2.50
S	51.71
Static Stiffness (daN/µ)	168
Basic Rating (daN)	
Rad.	8000
Axi.	4645
Speed(rpm)	
max	2300
Weight	
kg	14.100

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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.