

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-



Bearing Number	
Cone(Innenring)	140082x
Cup(Outering)	140140P
Dimensions	
d	82.550
D	140.000
t	77.07
C	69.14
B	38.50
F	7.93
da	100
L	8
M	108.00
Load per string	
daN	18.12
Max permissible pre load	
daN	435
Holes for springs	
Ø	10.00
depth (tiefe)	25.10
r	0.80
R	3.00
S	38.57
Static Stiffness (daN/µ)	100
Basic Rating (daN)	
Rad.	2925
Axi.	1410
Speed(rpm)	
max	4900
Weight	
kg	3.680

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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.