

GAMET Super Precision Tapered Roller Bearings

INTEGRAL SPRING CARRIER CUP (P TYPE)-



Bearing Number	
Cone(Innenring)	80030
Cup(Outering)	80066xP
Dimensions	
d	30.000
D	66.675
t	47.24
C	42.48
B	23.50
F	4.76
da	44
L	5
M	49.50
Load per string	
daN	5.17
Max permissible pre load	
daN	124
Holes for springs	
Ø	6.25
depth (tiefe)	16.65
r	0.80
R	1.50
S	23.74
Static Stiffness (daN/μ)	42
Basic Rating (daN)	
Rad.	720
Axi.	405
Speed(rpm)	
max	10400
Weight	
kg	0.630

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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.