

INTEGRAL SPRING CARRIER CUP (P TYPE)-

Bearing Number	
Cone(Innenring)	111044x
Cup(Outering)	111093xP
Dimensions	
d	44.450
D	93.266
t	57.65
C	51.30
B	29.00
F	6.35
da	62
L	7
M	69.00
Load per string	
daN	10.83
Max permissible pre load	
daN	260
Holes for springs	
Ø	8.50
depth (tiefe)	16.45
r	0.80
R	2.00
S	28.65
Static Stiffness (daN/μ)	60
Basic Rating (daN)	
Rad.	1435
Axi.	830
Speed(rpm)	
max	7400
Weight	
kg	1.170

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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.