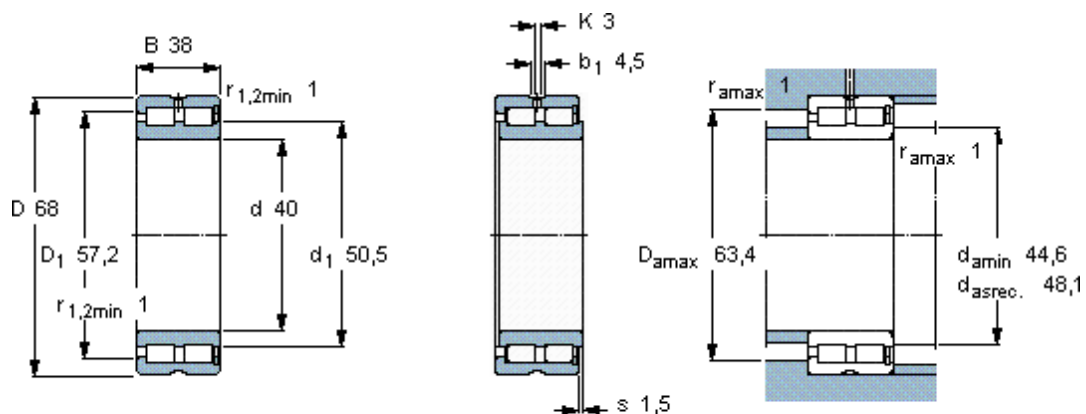




## SKF cylindrical roller bearings of the NNCF 5028 CV



### 计算系数

$k_r$  0,5

New Model

d

B

D

C0r

Weight

NNCF 5028 CV

140mm

95mm

210mm

12.6 N

95mm

Material Science

F1 carbon steel



Determination of process parameters of vacuum heat treatment

In considering the working vacuum degree should be noticed:

- (1) at 900 DEG C before the first pump more than 0.1Pa high vacuum degassing, eli.
- (2) the 10-1Pa is heated, the equivalent of 1PPM purity of the inert gas, usually black metal is no oxidation.



- (3) filled with an inert gas, such as filling 133Pa (50%N<sub>2</sub>+50%H<sub>2</sub>) of the mixed gas of nitrogen and hydrogen, its effect than 10<sup>-2</sup> ~ 10<sup>-3</sup>Pa vacuum okay. At this time, oxygen pressure 66.5Pa is safe.

- (4) the degree of vacuum has a corresponding relationship with light steel surface brightness.



(5) the general 10-3~133Pa vacuum range, vacuum degree difference in temperature of - 5 DEG C, such as the pressure rises, the temperature uniformity of the decline, so inflation pressure should as far as possible low.