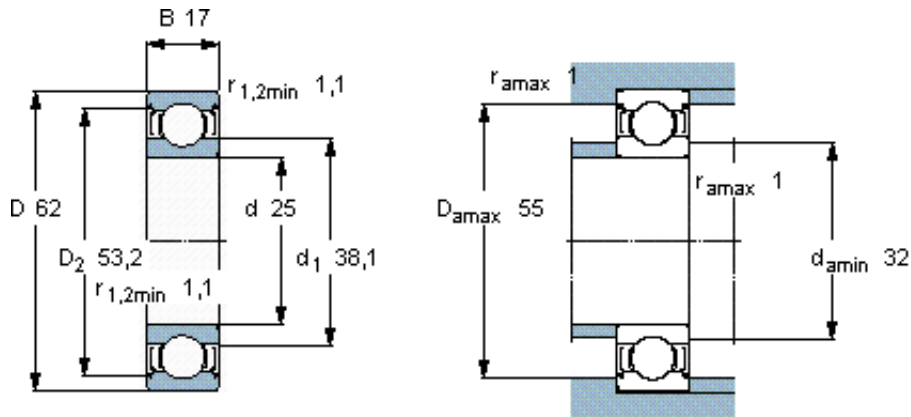




Sweden SKF6305-2Z/VA228 bearing



计算系数

 $k_r = 0,03$ $f_0 = 13$

New Model	6305-2Z	Old Model	6305-2Z/VA228
d	25 mm	Category	High Temperature Bearings
B	17 mm	Model	6305-2Z/VA228
D	62 mm		
C _{0r}	11.6 N		
Weight	0.22 kg		

Normalization process is the steel is heated to A_{c3} (A_{cm}) 30 ? 50 degrees Celsius or more, after holding an appropriate time, in still air-cooled heat treatment process. A_{c3} heat resistant steels 100-150 degrees Celsius called normalizing temperature normalized.



The main purpose of low-carbon steel castings, forging, normalizing is to refine the organization. Compared with the annealing, normalizing fine pearlite leaf between the ferrite grains is relatively small, the strength and the hardness is higher.

After annealing of low carbon steel hardness is too low, plastic tool cutting phenomenon, cutting poor, improve the hardness of normalization can improve the cutting performance, some medium-carbon steel part can be normalized quenching and tempering, but simplified heat processes.



Eutectoid steel knife normalization above A_{cm} , originally cementite mesh into austenite, then cooled speed, suppress cementite precipitation in the austenite grain boundaries, eliminating the carbide network, improve hypereutectoid steel organization.

Welding parts welding strength requirements specification to improve weld to ensure weld strength.