



## Model: 22314EK/VA405

Basic size of  
mm

d:	70
D:	150
B:	51

The basic rated load is  
kN

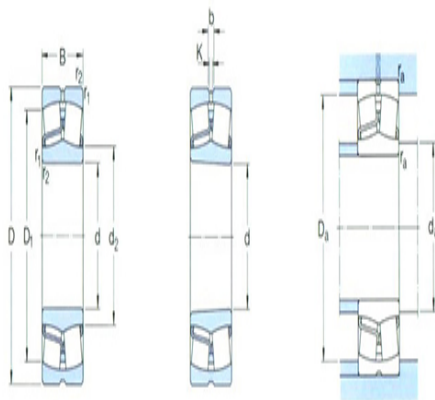
trends C:	400
static state Co:	430
Fatigue load limit Pu:	45

Rated rotation speed is  
r/min

Refer to the speed:	3400
limit speed:	4500
quality:	4.55

model

Column hole:	*22314E/VA405
conical bore:	*22314EK/VA405



Dimensions are  
mm

d:	70
d <sub>2</sub> ~ :	90.3
D1 ~ :	128
b:	8.3
k:	4.5
r <sub>1,2</sub> the min:	2.1

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the min:	82
Da the max:	138
r <sub>a</sub> the max:	2

Calculation coefficient

e:	0.33
Y1:	2

Y2:	3
Y0:	2

Allowable acceleration 1)

Only for oil-lubricated bearings

turn:	61g
straight line:	23g