



**Model: 627-Z**

Basic size of  
mm

d:	7
D:	22
B:	7

The basic rated load is  
kN

trends C:	3.45
static state Co:	1.37
Fatigue load limit Pu:	0.057

Rated rotation speed is  
r/min

Refer to the speed:	70000
Limit speed <sup>1)</sup> :	36000
Mass kg:	0.013

model

Both sides are sealed:	*627-2Z
One side is sealed:	*627-Z

Dimensions are  
mm

d:	7
d1 ~ :	12.2
d2 ~ :	-
D2 ~ :	19.2
r <sub>1,2</sub> the min:	0.3

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the min:	9.4
d <sub>a</sub> the max:	-
Da the max:	19.6
r <sub>a</sub> the max:	0.3

Calculation coefficient

k <sub>r</sub> :	0.025
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