



## Model: AHX312

Basic size of  
mm

d <sub>1</sub> :	55
D :	110
B :	28

The basic rated load is  
kN

trends C :	143
static state Co :	156
Fatigue load limit Pu :	18.3

Rated rotation speed is  
r/min

Refer to the speed :	5600
limit speed :	7500
Mass bearing + return sleeve :	1.3

model

bearing :	*C2212KTN 9
withdrawal sleeve :	AHX312

Dimensions are  
mm

d <sub>1</sub> :	55
d <sub>2</sub> ~ :	77.1
D1 ~ :	97.9
B <sub>1</sub> :	40
B <sub>2</sub> <sup>1)</sup> ~ :	43
G :	M65×2
G <sub>1</sub> :	8
r <sub>1,2</sub> the min :	1.5
s <sub>1</sub> <sup>1)</sup> ~ :	8.5
s <sub>2</sub> <sup>1)</sup> ~ :	-

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the min :	69
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$d_a$  the max: 77

Da the min: 95

Da the max: 101

Ca<sup>3)</sup> the min: 0.3

$r_a$  the max: 1.5

Calculation coefficient

$k_1$ : 0.1

$k_2$ : 0.123