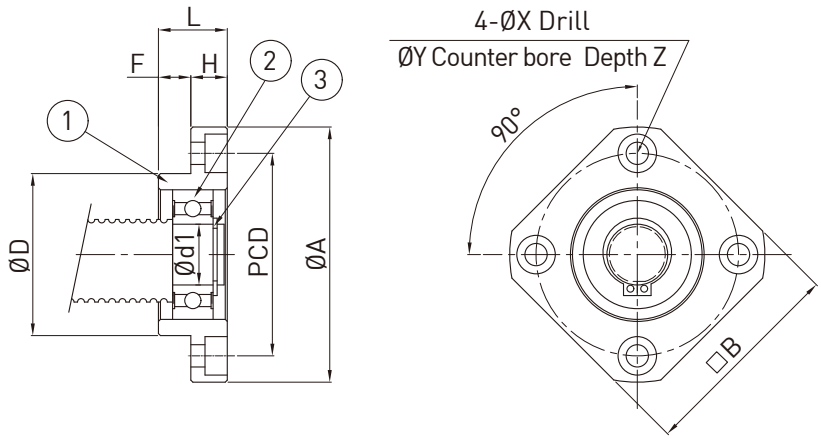
Datasheet

AXISCRAFT - Supported bearing for ballscrew, bore d = 10 mm - BF/FF

FF12-C5

FF12-C5 | Flange-type supported-end unit



Component identification

No.	Component	Qty
1	Housing	1
2	Deep-groove ball bearing	1
3	Snap ring	1

Configuration

Support position	**Supported side**
Bearing bore d1	**10 mm**
Installed bearing	**6000ZZ**
Retaining ring	**S10**
Support unit accuracy class	**C5**
Bearing precision class	**Not specified**
Support assembly mass	**0.15 kg**



Load ratings

Basic dynamic radial C

4.5 kN

Basic static radial C0

1.9 kN

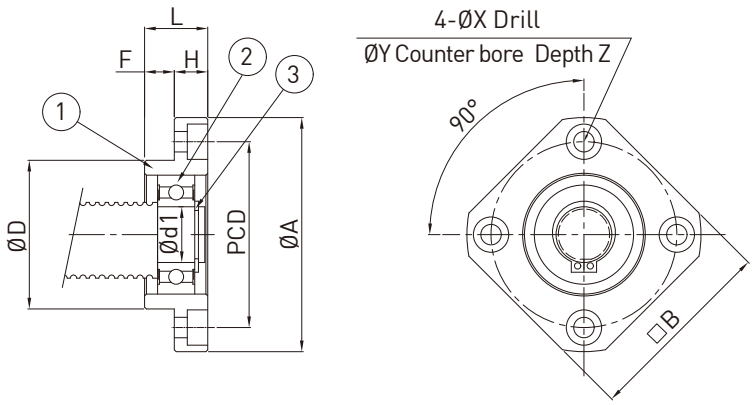
Ratings apply to the installed 6000ZZ bearing, not the support assembly.

Datasheet

AXISCRAFT - Supported bearing for ballscrew, bore d = 10 mm - BF/FF

FF12-C5

Dimensions and mounting details



Dimensional specification

Dimension	Value
d1 - bearing bore	**10 mm**
L - overall depth	**15 mm**
H	**7 mm**
F	**8 mm**
D	**34 mm**
A - outer span	**52 mm**

Dimension	Value
PCD	**42 mm**
B	**42 mm**
X - drill	**4.5 mm**
Y - counterbore	**8 mm**
Z - counterbore depth	**4 mm**

Component details

Retaining ring

Type	**S10**
Quantity in assembly	**1 pc**
Installed bearing	**6000ZZ**

Technical notes

All dimensions in millimetres. Drawings are not to scale.

Radial ratings refer to the installed 6000ZZ bearing, not the support assembly.

Selection guide: ballscrew diameter 14-18 mm; bearing bore d = 10 mm.