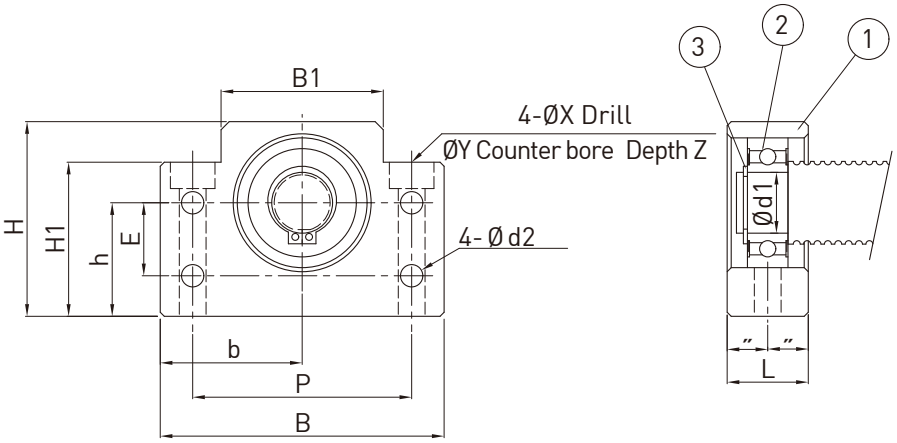
Datasheet

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

BF12-C5

BF12-C5 | Block-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	**0.35 kg**



Load ratings

Basic dynamic radial C

4.5 kN

Basic static radial C0

1.9 kN

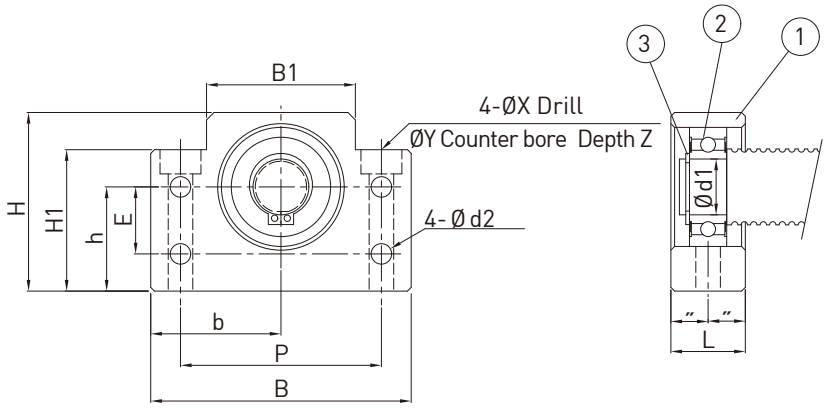
Ratings apply to the installed 6000ZZ bearing, not the support assembly.

Datasheet

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

BF12-C5

Dimensions and mounting details



Dimensional specification

Dimension	Value
d1 - bearing bore	**10 mm**
L - housing depth	**20 mm**
B - overall width	**60 mm**
H - overall height	**43 mm**
b	**30 mm**
h	**25 mm**
B1	**34 mm**

Dimension	Value
H1	**32.5 mm**
E	**18 mm**
P	**46 mm**
d2	**5.5 mm**
X - drill	**6.6 mm**
Y - counterbore	**10.8 mm**
Z - counterbore depth	**1.5 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.